U.S. Coast Guard Oceanographic Report

DEPARTMENT OF TRANSPORTATION



COAST GUARD

OCEANOGRAPHIC OBSERVATIONS NORTH ATLANTIC STANDARD MONITORING SECTIONS A5, A6, and A7 1967-69



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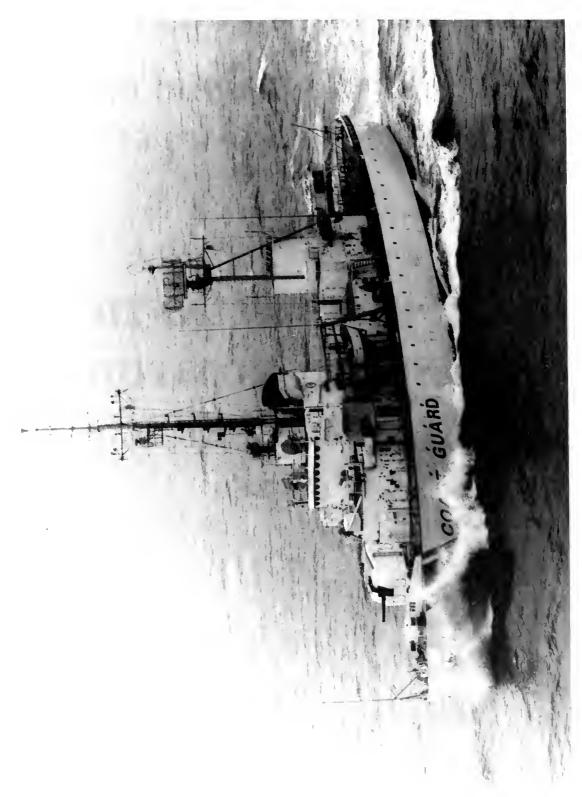
NORTH ATLANTIC STANDARD MONITORING SECTIONS A5, A6, and A7 1967-69

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United States Coast Guard
Oceanographic Unit
Washington, D.C.

September 1974



ABSTRACT

Data from Standard Monitoring Sections A5, A6, and A7 for the years 1967-69 are presented together with vertical sections of salinity, temperature, and sigma-t. The three major water masses on these Standard Monitoring Sections; Coastal Water, Slope Water, and North Atlantic Central Water; are described.

On section A5, Coastal Water has vertical salinity gradients of $0.04^{\circ}/_{oo}$ to $0.08^{\circ}/_{oo}$ per meter and a horizontal salinity gradient of $0.1^{\circ}/_{oo}$ per mile. Slope Water intrudes under Coastal Water producing a salinity maximum. North Atlantic Central Water was found to be .020 to .025 $^{\circ}/_{oo}$ more saline than Slope Water.

On section A6, a body of uniform water, centered around 18°C, at 200 to 500 meters is bounded by thermoclines which are always present. This water mass is formed to the north and east of section A6.

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Oceanographic Observations North Atlantic Standard Monitoring Sections A5, A6, and A7, 1967-69

By

ROBERT QUINCY ROBE¹

INTRODUCTION

Standard Monitoring Sections A5, A6, and A7 lie in the western North Atlantic with their nearshore ends in the shallow waters off the eastern coast of the United States and their offshore ends in deep water off the continental slope (fig. 1). Section A5 extends from the continental shelf at the eastern extremity of the Gulf of Maine to a location approximately 275 miles northwest of Bermuda. Section A6 runs southeast from Cape Hatteras to 31°55'N and thence due east to Bermuda. Section A7 is located on the parallel of latitude 28°35'N running from a point off the east Florida coast near Cape Kennedy, 425 miles due east. All three sections are designed to cross the Gulf Stream system completely and nearly perpendicularly. On 1 May 1972 these sections were shortened by eliminating several stations on the seaward end of the sections.

As a first step toward understanding large scale oceanic processes, U.S. Coast Guard Ocean Station Vessels have occupied standard sections in the North Atlantic since 1964. The goal was to occupy sections A5, A6, and A7 quarterly. Ocean Station Vessels occupied these sections on their return from Ocean Stations BRAVO, CHARLIE, DELTA, and ECHO. U.S. Coast Guard oceanographic ships ROCK-AWAY and EVERGREEN occupied A5, A6, and A7 as required.

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DATA ACQUISITION AND PROCESSING

Temperature data were acquired either with paired reversing thermometers on Nansen bottles or with a salinity-temperature-depth sensor system (STD). The acquisition and processing of temperature data from the reversing thermometers generally followed the procedures specified by U.S. Naval Hydrographic Office Publication No. 607 (1955) and La Fond (1951). A PDP-5 or PDP-8 computer was used for thermometer corrections. STD temperature values were read from an analog trace and corrected using reversing thermometer values at the surface and bottom of the cast for quality control.

Salinity values were either determined from a sample collected with teflon-lined Nansen bottles and analyzed on board with inductive salinometers or were read from an analog STD trace, quality controlled by a salinity sample from the surface and bottom of the cast. The salinometers were calibrated with standard (Copenhagen) water at least once per 30 samples. The conductivity values obtained were converted to salinity by use of the International Oceanographic Tables published jointly by UNESCO and the National Institute of Oceanography of Great Britain (1966).

Sampling depths on Nansen casts were determined with paired protected and unprotected

reversing thermometers or interpolated from L-Z curves based on thermometer performance and wire angle. Procedures used for these determinations were essentially those specified by LaFond (1951). STD sampling depths were determined by pressure sensors and read from an analog trace.

All oceanographic and meteorlogical data acquired were quality-controlled at Coast Guard Oceanographic Unit (CGOU), then submitted to the National Oceanographic Data Center (NODC) for further processing and data listings (reprinted in Appendix A). The NODC output, in punched card format, was used to construct vertical sections of temperature, salinity, and sigma-t with an incremental plotter using a computer program developed by Richard F.

Johnson. The resulting sections were quality-controlled and smoothed by hand to yield plates of publication quality. The final form of the temperature, salinity and density sections are included in this report (figs. 2-58).

Further details concerning the techniques used to acquire and process these data can be obtained from CGOU.

CRUISE NARRATIVES

During the period 1967-69, a total of 19 occupations of A5, A6, and A7 were completed. Of these, six were on A5, nine on A6, and four on A7.

Table 1. Oceanographic Cruises on Standard Monitoring Sections A5, A6, and A7 during 1967-69.

Cruise No.	Ship	Dates	No. Sta.	NODC Ref. No.
A5-2 ¹	CGC EVERGREEN	17–22 Jan 67	22	31-8006
A5-3	CGC ROCKAWAY	17-20 Nov 67	18	31-8028
A5-4	CGC ROCKAWAY	15–18 Dec 67	19	31-8033
A5-5	CGC EVERGREEN	1–5 Oct 68	18	31-8059
A5-6	CGC YAKUTAT	7–8 Nov 68	12	31-1384
A5-7	CGC YAKUTAT	20-22 Apr 69	18	31-1479
A6-3	CGC EVERGREEN	24–27 Jan 67	15	31-8006
A6-4	CGC ROCKAWAY	13-15 Nov 67	15	31-8028
A6-5	CGC ROCKAWAY	12–14 Dec 67	15	31-8032
A6-6	CGC MENDOTA	8–10 Apr 68	13	31-1262
A6-7	CGC EVERGREEN	7–10 Oct 68	15	31-8060
A6-8	CGC McCULLOCH	3–4 Dec 68	11	31-1386
A6-9	CGC HUMBOLDT	6-8 Jun 69	17	31-1484
A6-10	CGC McCULLOCH	8-10 Sep 69	13	31-1526
A6-11	CGC ABSECON	16-17 Nov 69	15	31-1566
A7-1	CGC EVERGREEN	29 Jan-l Feb 67	15	31-8006
A7-2	CGC ANDROSCOGGIN	26-28 Jun 67	16	31-1087
A7-3	CGC SEBAGO	24–26 Jun 68	16	31-1273
A7-4	CGC ANDROSCOGGIN	9-11 Dec 69	16	31-8139

¹The A in the cruise number indicates that the standard section is in the Atlantic. The first number is the standard section number and the number after the hyphen is the serial number of the section occupation.

DISCUSSION

Section A5

Standard Section A5 had three major water masses in the upper 1500 meters during 1967 to 1969. Beginning at the coast and proceeding seaward they were Coastal Water, Slope Water and North Atlantic Central Water (NAC). At the surface these water masses were characterized by increasing temperature and increasing salinity as one moved seaward. At a depth of about 1000 meters the water masses all converged toward NAC water (figs. 2-19).

Coastal Water was characterized by a very steep salinity gradient in the vertical and horizontal directions. The vertical salinity gradient was as large as $0.04^{\circ}/_{\circ\circ}$ to $0.08^{\circ}/_{\circ\circ}$ per meter. A surface salinity gradient of 0.1% per mile was not unusual near the boundary between Slope Water and Coastal Water. Coastal Water extended to a depth of about 200 meters, the depth of the shelf break, where the salinity reached 34.8% Often at the lower boundary of Coastal Water there was a salinity maximum if the salinity reached at least 35%. This appeared to be a result of an intrusion of Slope Water beneath the Coastal Water. Whether or not a salinity maximum existed, Coastal Water was underlaid by the more isohaline deeper portions of the Slope Water. Coastal Water covered the continental shelf and slope. It extended beyond the shelf break by 50 to 100 nmi on A5.

Above the seaward edge of the continental slope and extending at times almost 300 miles beyond the Coastal Water was a water mass known as Slope Water. As pointed out by Iselin (1936), Slope Water has properties intermediate between the Coastal Water and the waters of the Gulf Stream. At the location of standard section A5, Slope Water had a lateral extent varying from about 40 nmi to about 280 nmi. The wide variation in the lateral extent of Slope Water was more a function of the Gulf Stream position than a function of Coastal Water position.

In most cases, the isohalines and isotherms of the A5 section were fairly level in the Slope Water region with the notable exception of section A5-4 (figs. 8 and 9). On this particular section taken in December 1967 there was an apparent anticyclonic eddy centered on station nine. This eddy had a salinity maximum of greater than $36.6^{\circ}/_{\circ\circ}$ and a temperature greater than 19°C at 100 meters. The upper 50 to 75 meters of the eddy had been eroded, probably due to the storms and cooling present at this time of year. This eddy must have disconnected from the Gulf Stream only a short time before the section was taken since the core of the eddy was only about 30 nmi from the axis of the Gulf Stream as defined by the 15°C isotherm at 200 meters. This eddy was very shallow and appeared only in the upper 300 meters although it affected isopleths of temperature and salinity down to 600-700 meters.

The isopycnals of the Slope Water broke fairly sharply at the edge of the Gulf Stream and curved downward toward the east, but between the Slope Water and the Coastal Water there was no such break. The isopycnals generally sloped upward to the west in the Slope Water—Coastal Water region. Slope Water deeper than about 100–125 meters had characteristics very close to that of NAC Water, only slightly less saline (.020% to .025% based on a least squares analysis of the data.

The high speed core of the Gulf Stream was delineated by the 15°C isotherm at 200 meters. This core also formed the shoreward boundary of NAC Water. Normally at a temperature of 8°-9°C Slope Water merged into NAC Water.

In one very interesting instance Slope Water appeared to the east of the Gulf Stream at 800 to 950 meters. This water was normally at 150 to 300 meters in the Slope Water region. This took place on section A5-4 where the Gulf Stream appeared to make a loop of about 180 nmi diameter (figs. 8, 9, and 10). The water in the center of the loop had the characteristics of NAC down to about 500 meters (fig. 60). Below that it began to have the lower salinity characteristic of Slope Water. At 800 meters to 950 meters the water in the loop coincided exactly with Slope

Water. Apparently what had happened was that the loop formed rapidly and pushed to the north and west causing a convergence of Slope and Gulf Stream Waters which then were forced below the Gulf Stream into a position normally occupied by NAC Water.

At a point just below the seaward edge of Coastal Water and extending at times into the Slope Water was a narrow band of water with a salinity much below that of either NAC or Slope Water for a given temperature. This water type appeared as a bulge on T-S diagrams of A5-3 and A5-4 (figs. 59 and 60) at about 5°-7°C and 34.7°/oo-34.9°/oo and a depth of 250–500 meters. Subarctic intermediate water was the most likely source for this water type.

There was a salinity maximum at the eastern end of some of the A5 sections which appeared at a depth of 1000–1300 meters on A5-2 and A5-3 (figs. 2 and 5). The salinity was about 35.01°/₀₀ to 35.04°/₀₀ and had a sigma-t of 27.6–27.7. The temperature was about 0.5°C higher than immediately to the west. This most likely was the western extent of Mediterranean influence.

Section A6

Section A6 was dominated by North Atlantic Central Water (NAC) (figs. 20-46). There was a band on the shoreward end of Section A6 which was occupied by the Gulf Stream, although the Gulf Stream was rarely crossed completely during sampling. The Gulf Stream was located about at the shelf break. No pronounced eddies appeared in any of the sections. What might have been a weak decayed eddy was centered on station eight of A6-8 (figs. 35-37). No effect was seen in the upper 200 meters of water.

The main feature of NAC Water on A6 was the broad band of water centered on the 18°C isotherm that was characterized by low gradients of both salinity and temperature. This layer existed on all sections in both summer and winter. The pycnocline, about 26.4 sigma-t, which approximated the position of the 18°C isotherm, never completely broke down in this area. The

water in this layer which divided the upper and lower pycnocline must have been formed elsewhere. The gradient of temperature in this layer of low gradient was .004 or .005°C/m year round. The thermocline below the low gradient layer had a constant gradient of approximately .020 to .025°C/m. The surface thermocline on the other hand had a highly variable temperature gradient that varied from .02°C/m in January 1967 to .17°C/m in October 1968. In January 1967, the mixed layer depth was approximately 130 meters. In February and March the mixed layer deepened, but it was never deeper than 200 meters since the gradient from 200-500 meters was constant as stated above.

The 18°C isotherm formed an inflection point between the positive curvature of the deep thermocline and the negative curvature of the temperature in the shallow thermocline. If mixing does not take place down to 500 meters what accounts for the layer 300 meters thick which is relatively uniform? This water mass matched very closely the 18°C water of Worthington (1959) which was characterized by an inflection point at 17.9 ± 0.3 °C and 36.50 ± 0.10 °/... The combination of the mean sea surface temperature by one degree squares (Gulf Stream Reports, 1969) for January, February and March with the mean surface salinity (USNOO, 1967) for the first quarter of the year gave a possible area for the formation of 18°C water. This gave an area in January (fig. 61) roughly between 36°N to 40°N and 55°W to 60°W. By February this potential formation area covered 33°N to 40°N and 55°W to 70°W (fig. 62). In March the area stayed much as in February and was 32°N to 39°N and 55°W to 71°W (fig. 63). Not surprisingly the 18°C surface water had a salinity in this area that closely matched the 36.50% salinity for 18°C water formation. Temperatures to the south were too high and salinities to the north were too low to form the required 27.4 sigma-t. The mean sea surface temperature by 1° squares was not computed east of 55°W. A6 lies directly to the south of this potential formation area. This is an explanation why the 18°C water layer exists at A6 while mixing there did not reach deeper than 130 meters. Unfortunately, no sections were taken in February and March when the conditions are most suitable for the formation of this water type.

Section A7

The waters of the Florida Current crowded closely to the coast of Florida on section A7, extending over the Blake Plateau for about 50 nmi. The Blake Plateau itself was about 150 nmi wide in this region (figs. 47-58). East of the Florida Current was a broad region of NAC Water which extended to the end of the section. As on section A6, the most pronounced feature of section A7 was the 18°C water layer which separated the seasonal from the permanent thermocline. Other interesting features were the apparent remnants of cyclonic eddies on A7-2 centered on station 10 and on A7-3 centered on station 6. These eddy-like features did not penetrate nearer the surface than the 18°C water layer at about 250 meters. Sections A7-1 and A7-4 had nearly horizontal isopleths of salinity and temperature indicating that the eddy-like structures were indeed transient.

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Appendix A.—Oceanographic Data

Cruises Listed

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XHI	A6-9, CGC HUMBOLDT, Jun	e 1969	238
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XV	A6-11, CGC ABSECON, Nove	ember 1969	257
XVI	A7-1. CGC EVERGREEN, Ja	nuary-February 1967	266
XVII	A7-2, CGC ANDROSCOGGP	S, June 1967	276
XVIII	A7-3, CGC SEBAGO, June 1	968	284
XIX	A7-4, CGC ANDROSCOGGIN	S. December 1969	293
Codes	Utilized		
Data C ment is	enter publication M=2, Process ssued May 1966.)	utilized in the tabulation of occanographic station data can be found in National Oceanog ing Physical and Chemical Data from Oceanographic Stations. (Rev. August 1964, s nic station data listing, entry headings which are not self-explanatory are described	upple-
Depth	to Bettom	Uncorrected sounding in meters.	
Max. I	Ocpth of Samples	Depth of deepest sample to nearest multiple of one bundred meters.	
Wave	observations		
		Rounded to nearest multiple of 10 degrees.	
	ſ	Increments of 1/2 m. Sum of 5 meters plus increments of 1/2 m if 50 is added to dire	
	l	If numerals 2 through 9 are entered, period in seconds is twice the numeric entry (numeric entry) + 1. For other entries see WMO Code 3155.	or 2.8
	er Code	Sea state according to WMO Code 3700. If preceded by X, weather according to WMO Code 4501. If a two-digit entry, w according to WMO Code 4677.	eather
Cloud	Code		
Тур	*	Cloud type according to WMO Code 0500.	

estimated.

Water

Color Code Color according to Forel-Ule scale.

Transparency in whole meters as determined by Secchi disc.

Wind

Air Temp. °C...... Air temperature to tenths of a degree Celsius.

Vis. Code...... Visibility according to WMO Code 4300.

time of lowering the sensor.

interpolated by a modified 3-point LaGrange formula.

Z indicates uncorrected "wire out" depth. Postscript Q indicates value was marked doubtful by originator; P indicates value was considered doubtful by NODC. Postscripts

P and Q retain this meaning throughout the following entries.

T °C Temperature to hundredths of a degree Celsius.

Solinity in parts-per-thousand.

SIGMA-T Entered to hundredths.

to the sea surface.

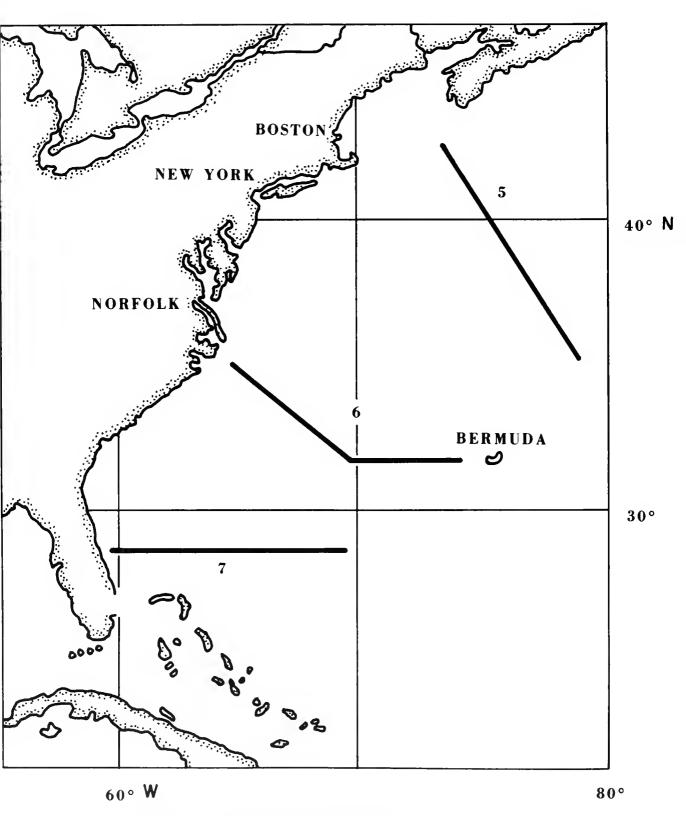
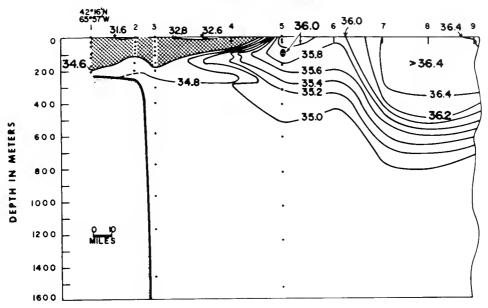


Figure 1.—Location of Standard Monitoring Sections A5, A6, and A7.





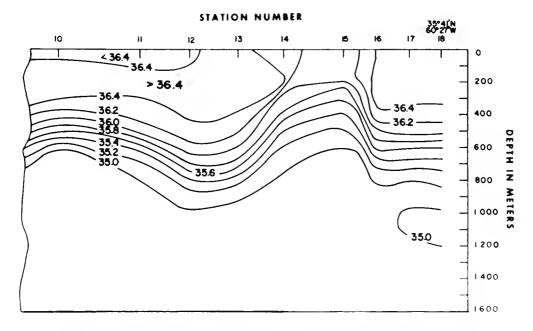
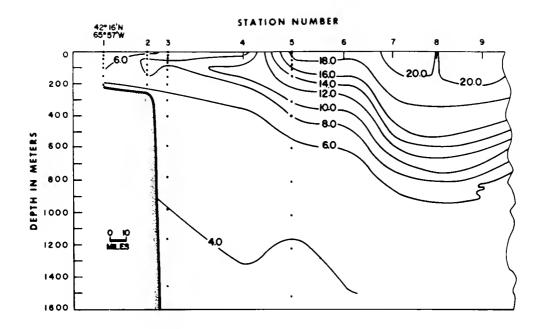


Figure 2.—Vertical section of salinity (%00). A5-2, CGC EVERGREEN, 17-22 January 1967, stations 1-18. (Area of intense halocline indicated by crosshatching).



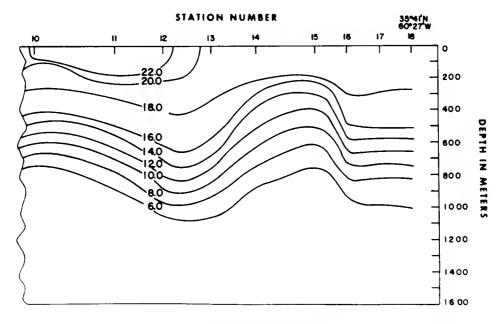
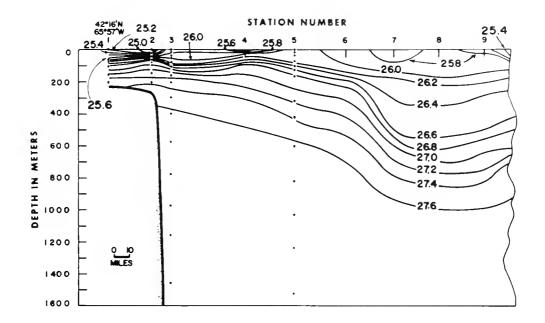


Figure 3.—Vertical section of temperature (°C). A5-2, CGC EVERGREEN, 17-22 January 1967, stations 1-18.



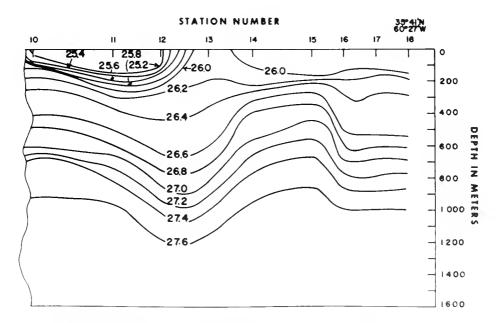
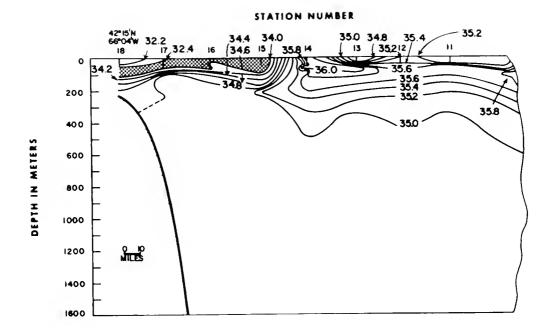


Figure 4.—Vertical section of sigma-t (g/10³ cm³). A5-2, CGC EVERGREEN, 17-22 January 1967, stations 1-18.



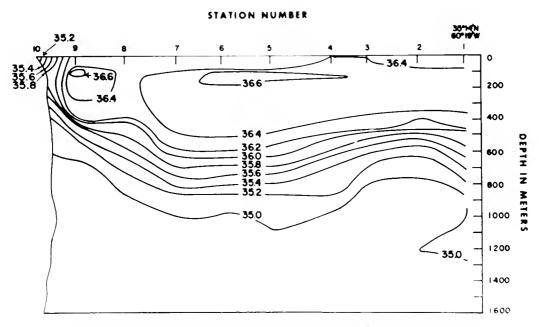
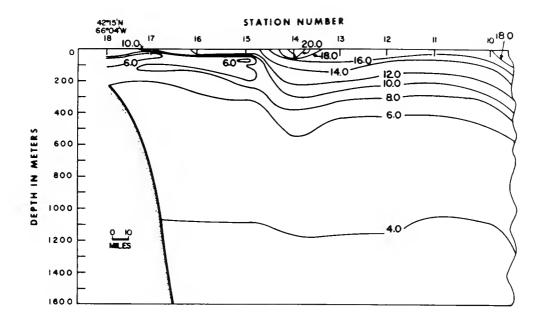


Figure 5.—Vertical section of salinity (%00). A5-3, CGC ROCKAWAY, 17-20 November 1967, stations 1-18. (Area of intense halocline indicated by crosshatching).



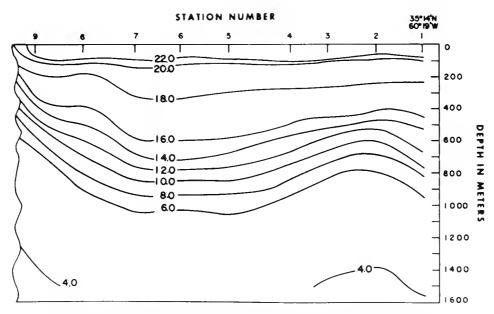
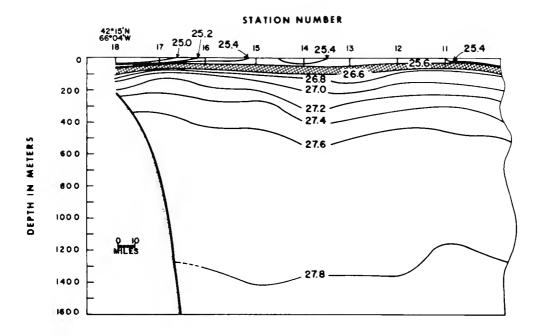


Figure 6.—Vertical section of temperature (°C). A5-3, CGC ROCKAWAY, 17-20 November 1967, stations 1-18.



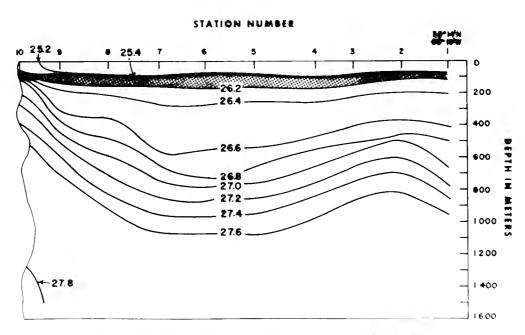
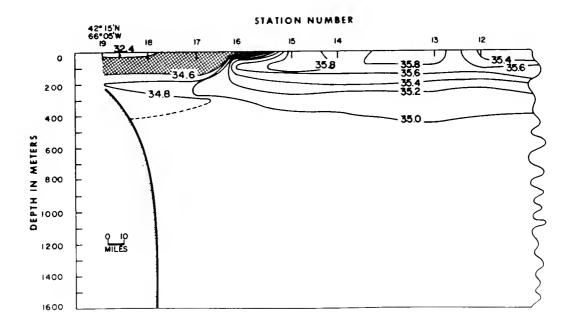


Figure 7.—Vertical section of sigma-t (g/10³ cm³). A5-3, CGC ROCKAWAY, 17-20 November 1967, stations 1-18. (Area of intense pycnocline indicated by crosshatching).



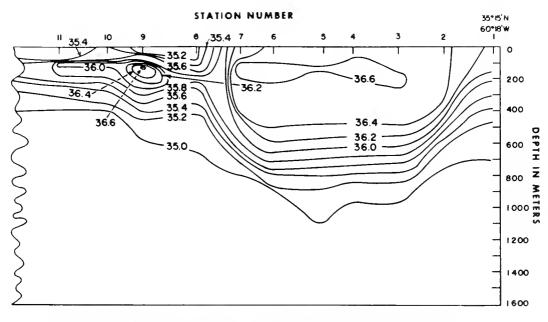
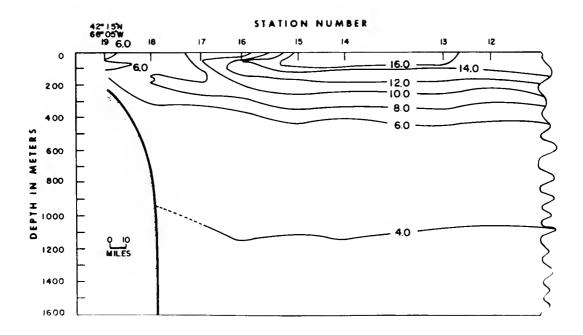


Figure 8.—Vertical section of salinity (°/oo). A5-4, CGC ROCKAWAY, 15-18 December 1967, stations 1-19. (Area of intense halocline indicated by crosshatching).



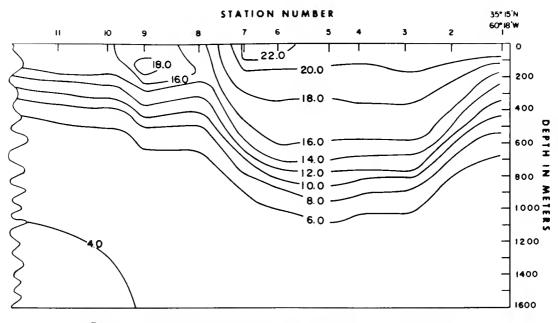
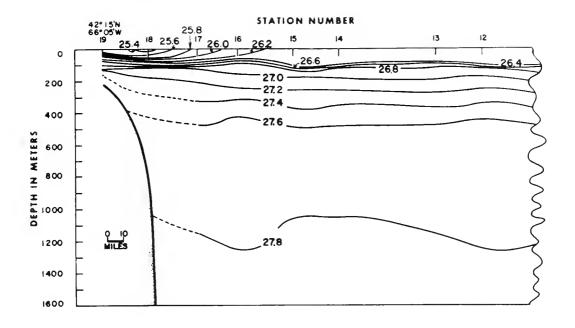


Figure 9.—Vertical section of temperature (°C). A5-4, CGC ROCKAWAY, 15-18

December 1967, stations 1-19.



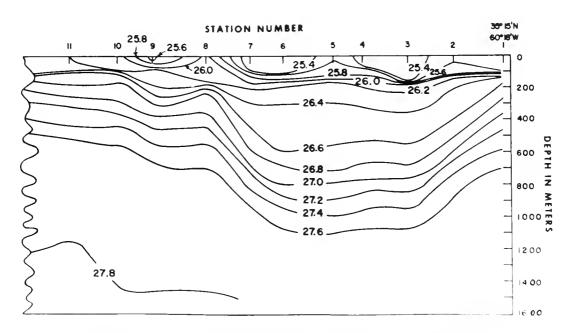


Figure 10.—Vertical section of sigma-t (g/10³ cm²). A5-4, CGC ROCKAWAY, 15-18 December 1967, stations 1-19.

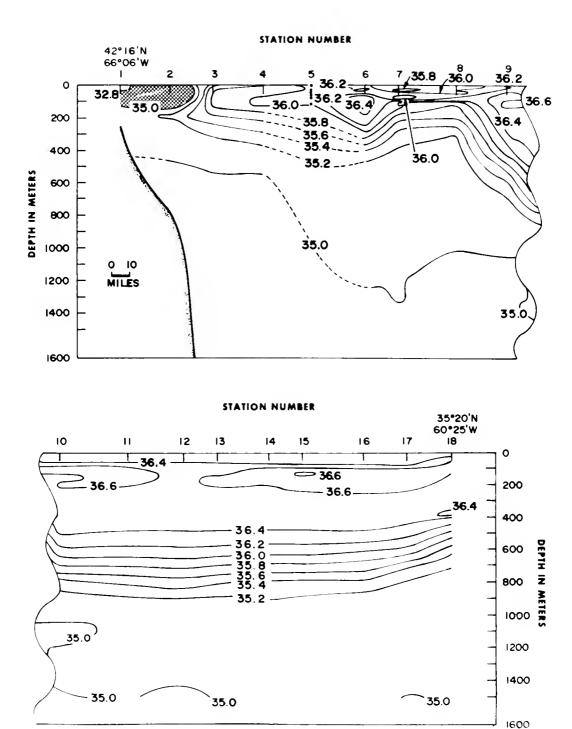


Figure 11.—Vertical section of salinity (%)00). A5-5, CGC EVERGREEN, 1-5 October 1968, stations 1-18. (Area of intense halocline indicated by crosshatching).

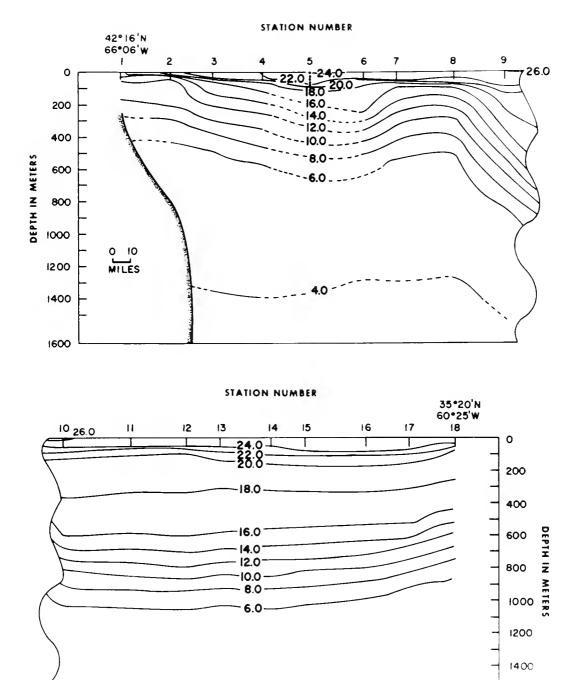
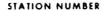
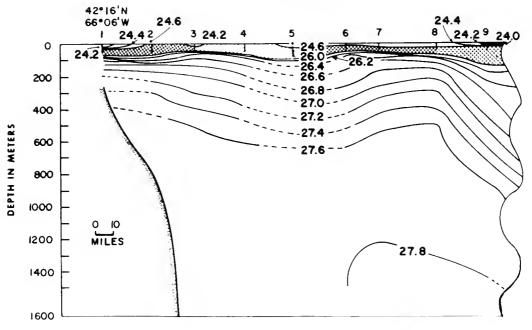


Figure 12.—Vertical section of temperature (°C). A5-5, CGC EVERGREEN, 1-5 October 1968, stations 1-18.





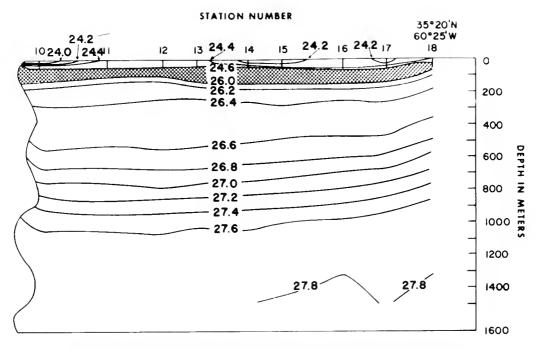


Figure 13.—Vertical section of sigma-t (g/10³ cm³). A5-5, CGC EVERGREEN, 1-5 October 1968, stations 1-18. (Area of intense pycnocline indicated by crosshatching).

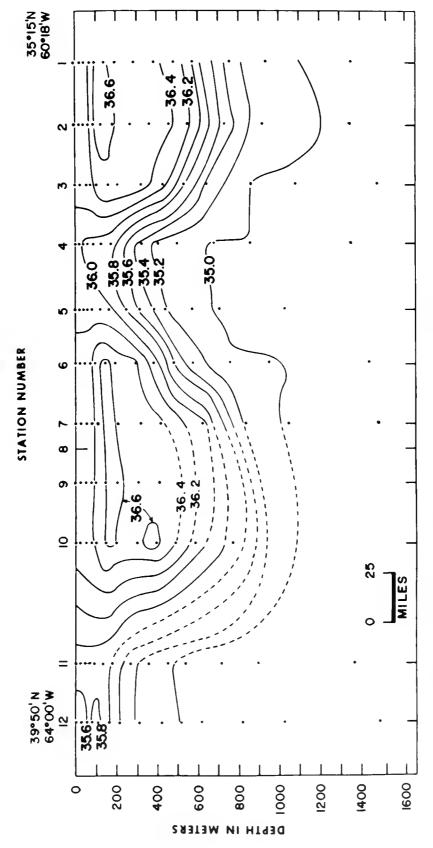
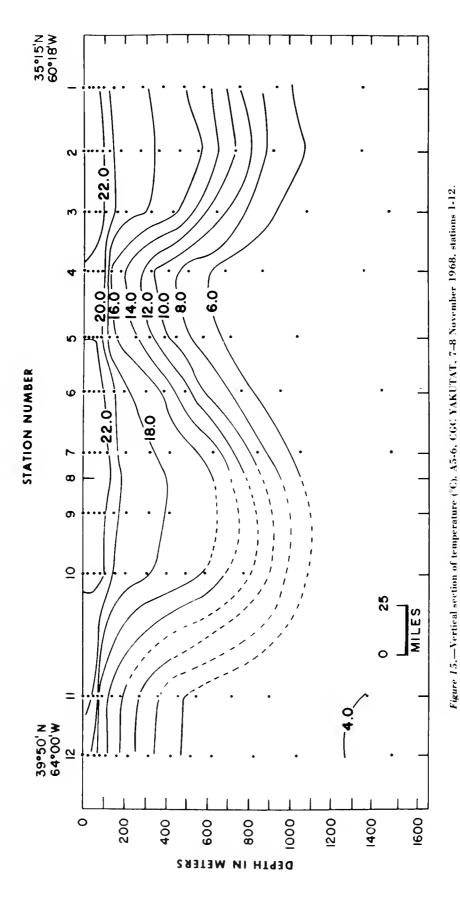


Figure 14,-Vertical section of salinity (%0), A5-6, CGC YAKUTAT, 7-8 November 1968, stations 1-12.



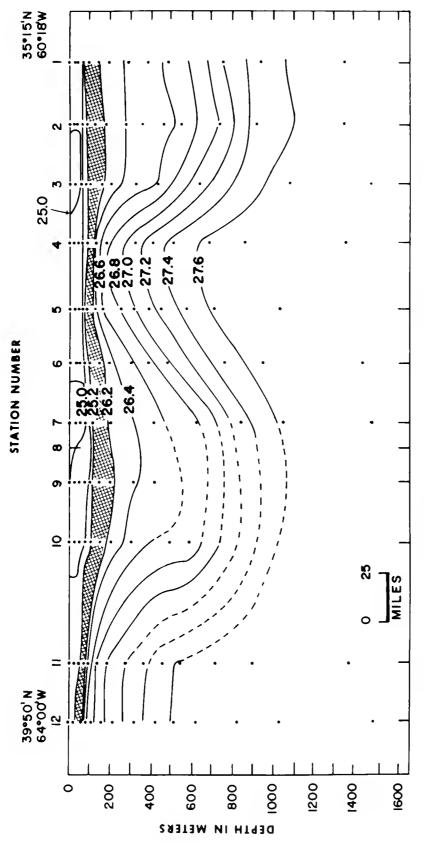
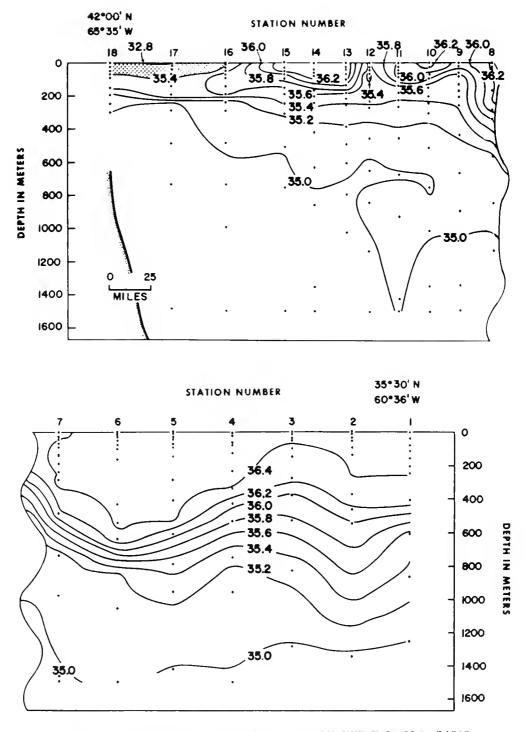


Figure 16.—Vertical section of signna-t (g/10° cm³). A5-6, CGC YAKUTAT, 7-8 November 1968, stations 1-12. (Area of intense pyenocline indicated by crosshatching).



 $\label{eq:figure 17.} Figure~17. — Vertical section of salinity~(^{\circ}/_{00}).~A5-7,~CGC~YAKUTAT,~20-22~April~1969,\\ stations~1-18.~(Area of intense halocline indicated by crosshatching).$

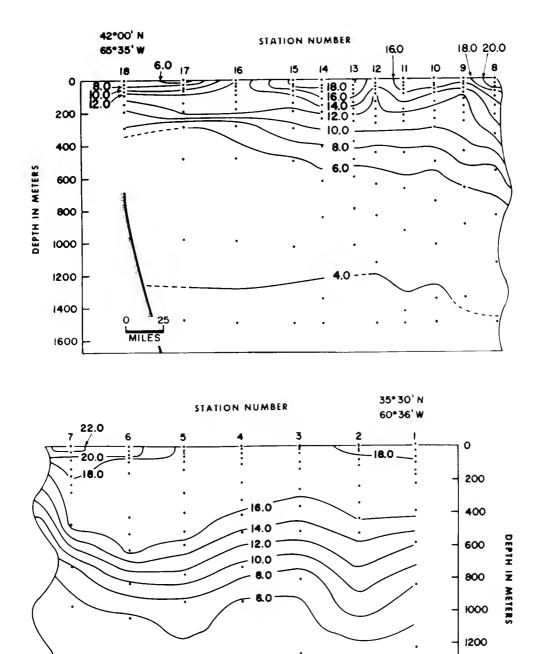
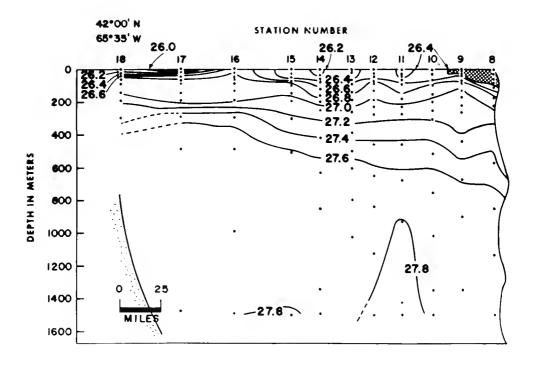


Figure 18.—Vertical section of temperature (°C). A5-7, CGC YAKUTAT, 20–22 April 1969, stations 1-18.



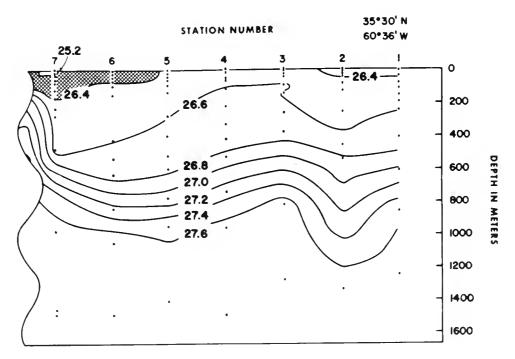
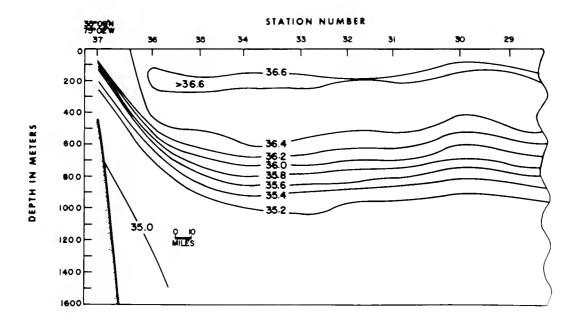


Figure 19.—Vertical section of sigma-t (g/10³ cm³). A5-7, CGC YAKUTAT, 20-22 April 1969, stations 1-18. (Area of intense pycnocline indicated by crosshatching).



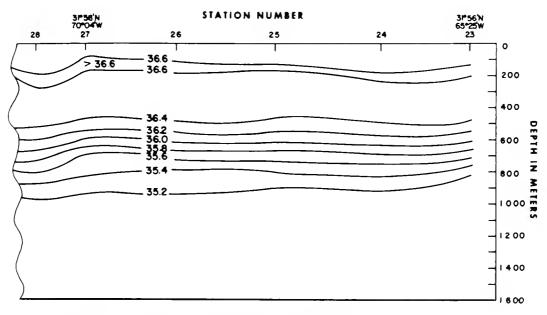
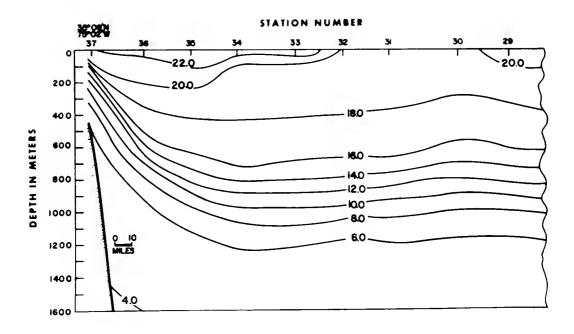


Figure 20.—Vertical section of salinity (%00). A6-3, CGC EVERGREEN, 24-27 January 1967, stations 23-37.



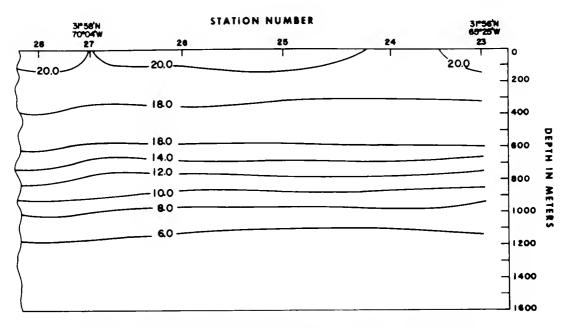
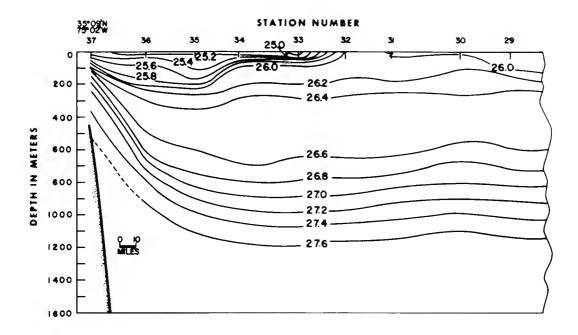


Figure 21.—Vertical section of temperature (°C). A6-3, CGC EVERGREEN, 24–27 January 1967, stations 23-37.



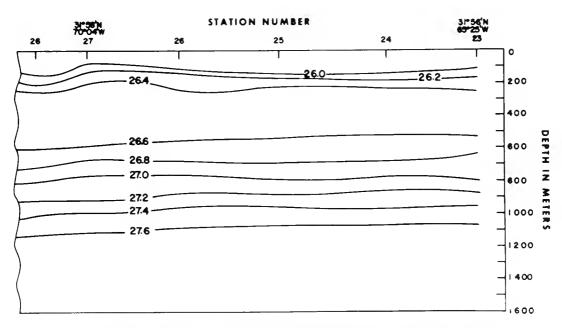
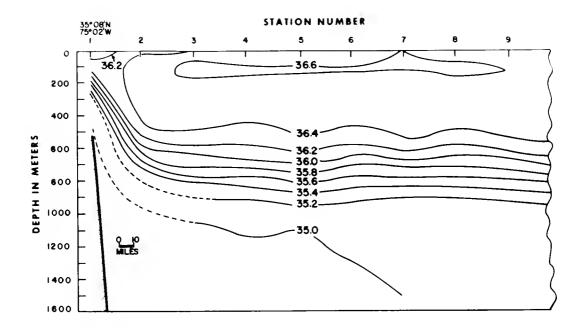


Figure 22.—Vertical section of sigma-t (g/ 10^3 cm³). A6-3, CGC EVERGREEN 24-27 January 1967, stations 23-37.



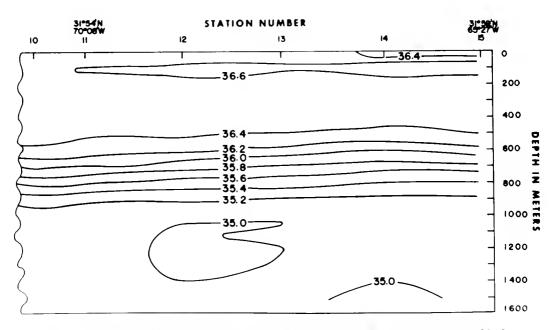
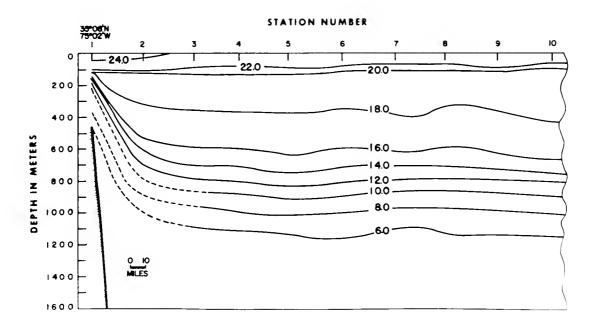


Figure 23.—Vertical section of salinity (%)00). A6-4, CGC ROCKAWAY, 13-15 November 1967, stations 1-15.



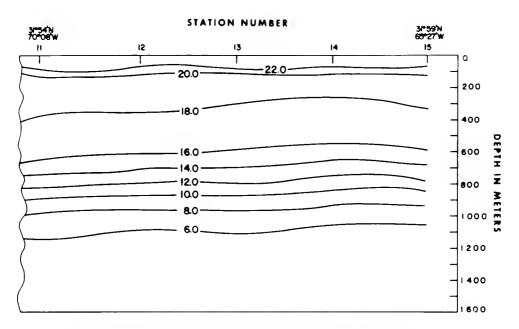
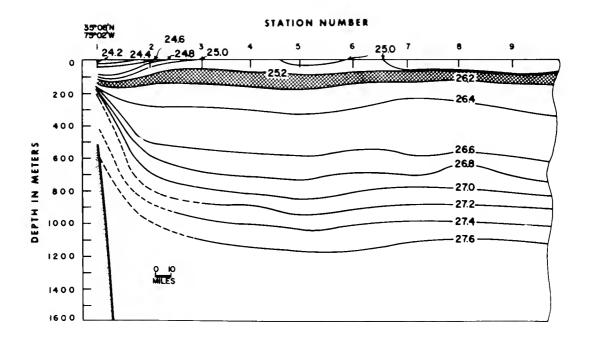


Figure 24.—Vertical section of temperature (°C). A6-4, CGC ROCKAWAY, 13-15 November 1967, stations 1-15.



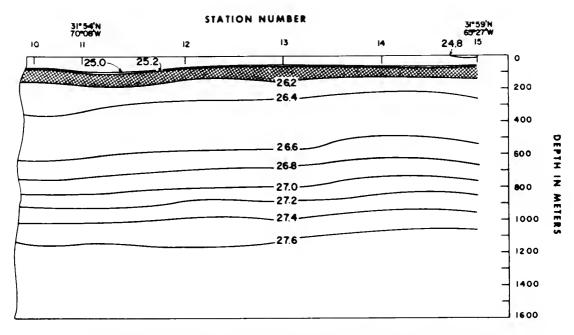
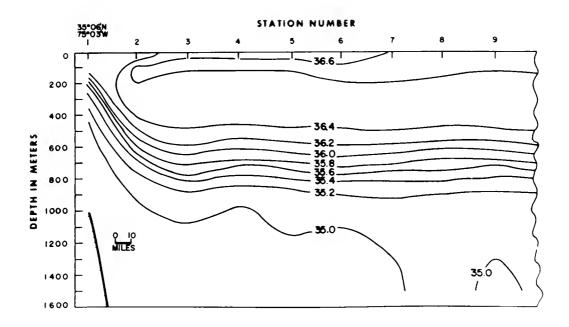


Figure 25.—Vertical section of sigma-t (g/10³ cm³). A6-4, CGC ROCKAWAY, 13-15 November 1967, stations 1-15. (Area of intense pycnocline indicated by crosshatching).



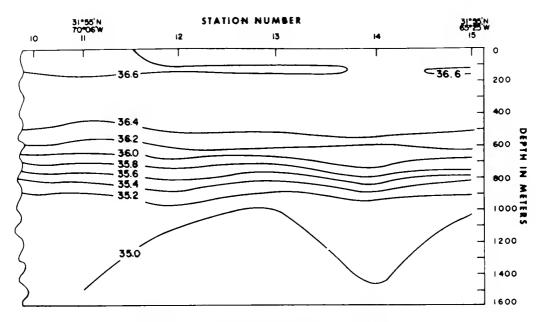
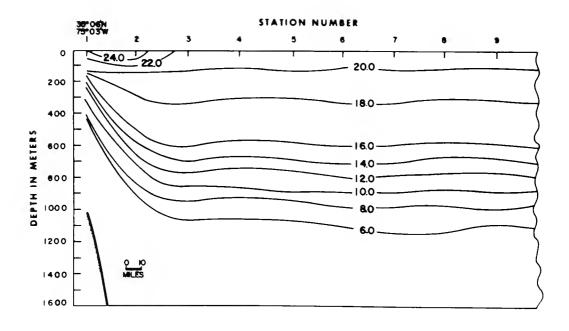


Figure 26.—Vertical section of salinity (%)00). A6-5, CGC ROCKAWAY, 12-14 December 1967, stations 1-15.



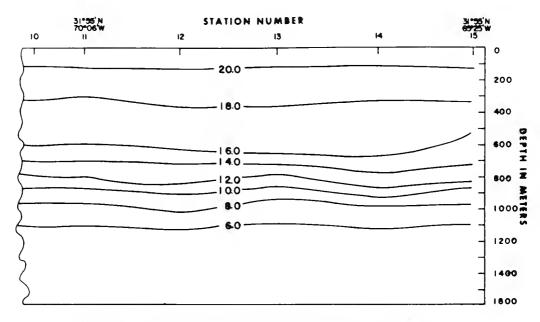
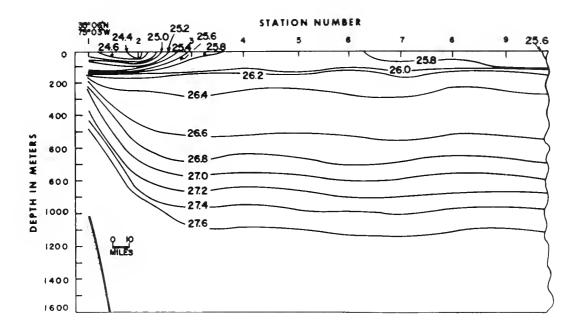


Figure 27.—Vertical section of temperature (°C). A6-5, CGC ROCKAWAY, 12-14 December 1967, stations 1-15.



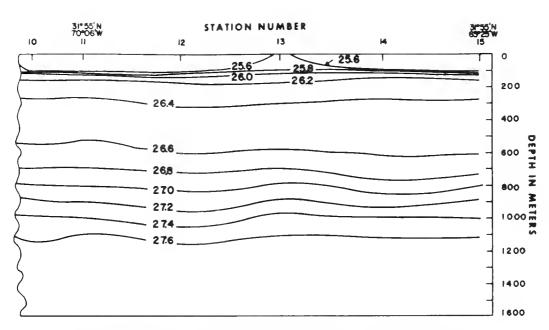
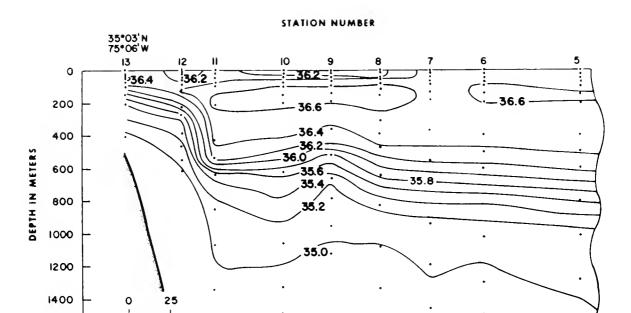


Figure 28.—Vertical section of sigma-t (g/10³ cm³), A6-5, CGC ROCKAWAY, 12-14 December 1967, stations 1-15.



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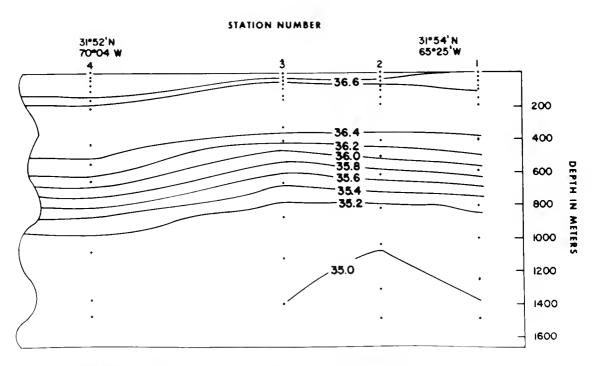
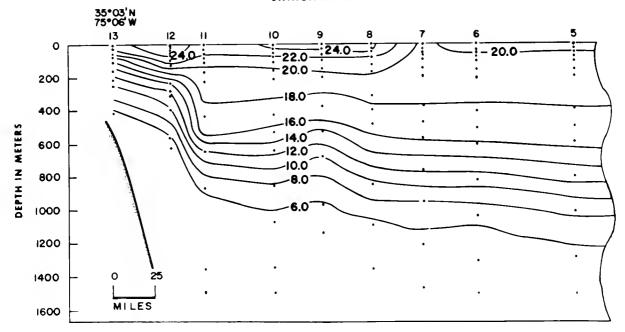


Figure 29.—Vertical section of salinity (%00). A6-6, CGC MENDOTA, 8-10 April 1968, stations 1-13.



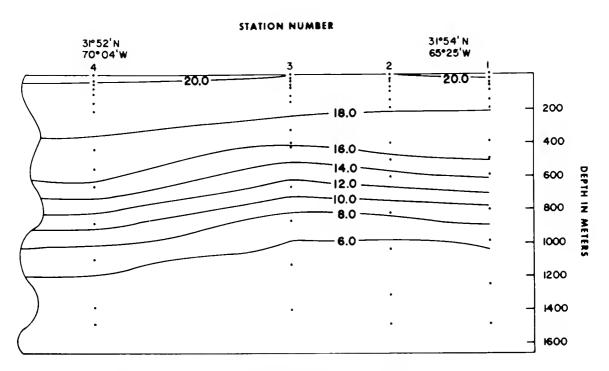
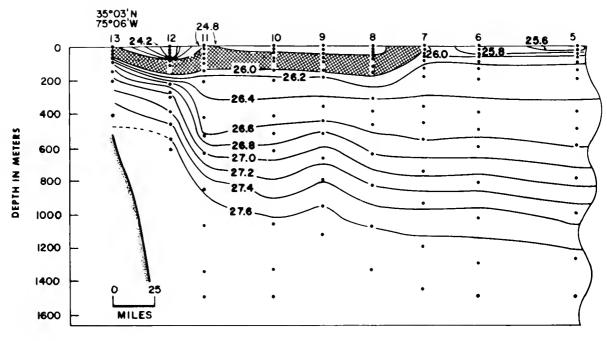


Figure 30.—Vertical section of temperature (°C). A6-6, CGC MENDOTA, 8–10 April 1968, stations 1-13.



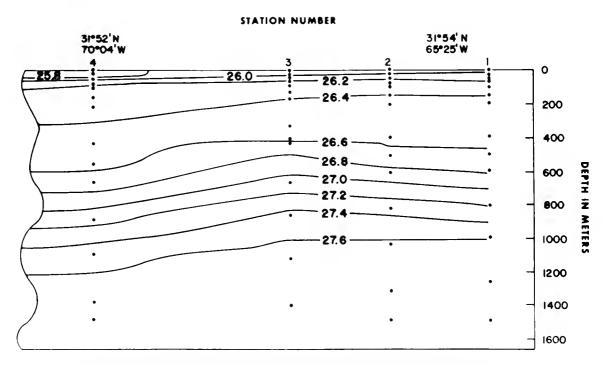
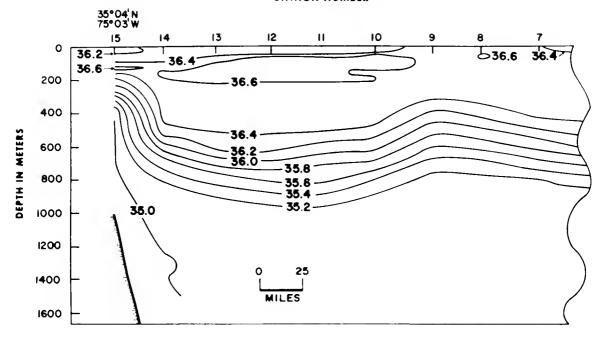


Figure 31.—Vertical section of sigma-t (g/10³ cm³). A6-6, CGC MENDOTA, 8-10 April 1968, stations 1-13. (Area of intense pyenocline indicated by crosshatching).



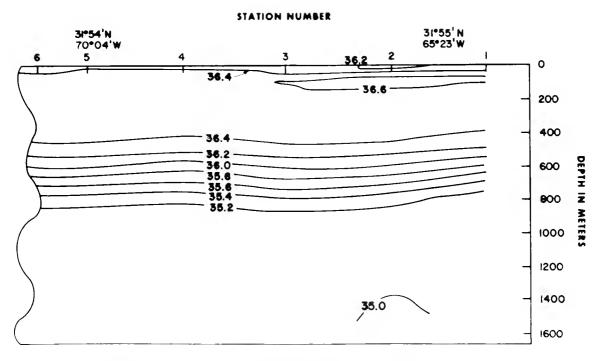
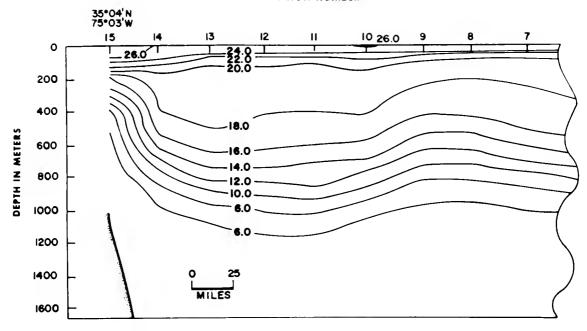


Figure 32.—Vertical section of salinity (%00). A6-7, CGC EVERGREEN, 7-10 October 1968, stations 1-15.



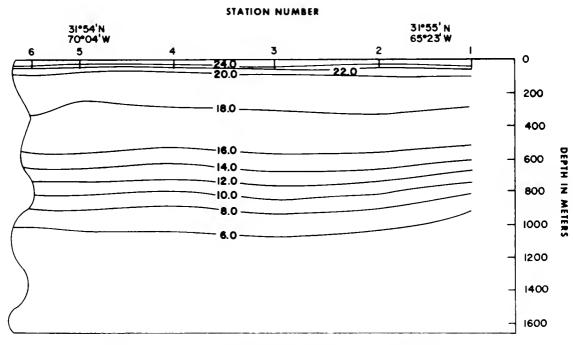
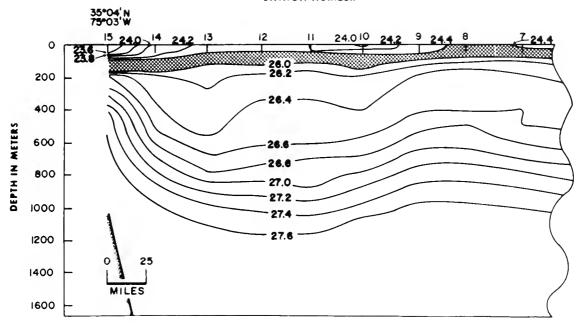


Figure 33.—Vertical section of temperature (°C). A6-7, CGC EVERGREEN, 7-10 October 1968, stations 1-15.



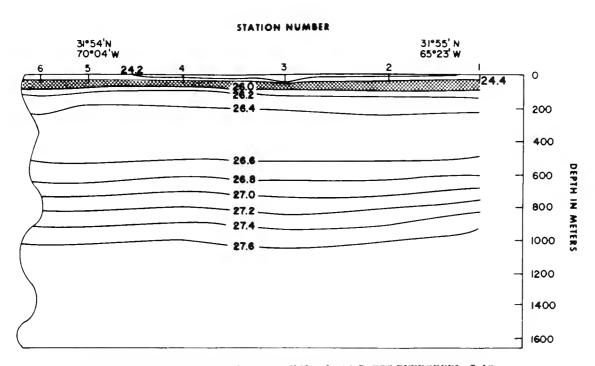


Figure 34.—Vertical section of sigma-t (g/10³ cm³), A6-7, CGC EVERGREEN, 7-10 October 1968, stations 1-15. (Area of intense pycnocline indicated by crosshatching).

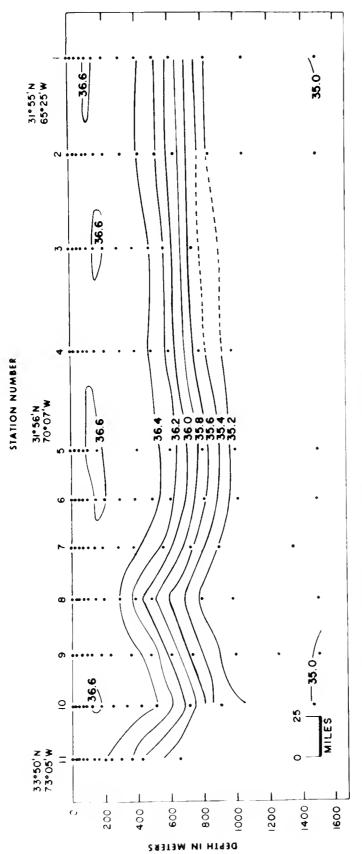


Figure 35.—Vertical section of salinity (%), A6-8, CCC McCULLOCH, 3-4 December 1968, stations 1-11.

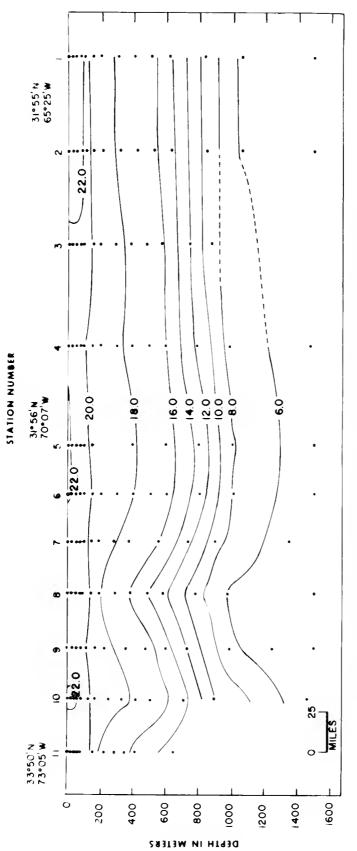


Figure 36.-Vertical section of temperature (°C). A6-8, CGC McCULLOCH, 3-4 December 1968, stations 1-11,

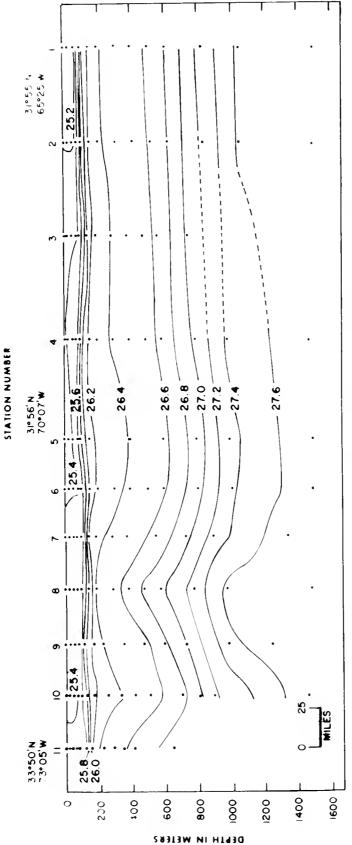
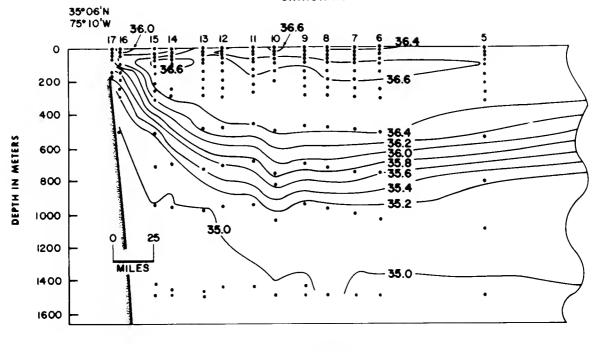


Figure 37.—Vertical section of sigma-t (g/103 cm3). A6-8, CGC McCULLOCH, 3-4 December 1968, stations 1-11.



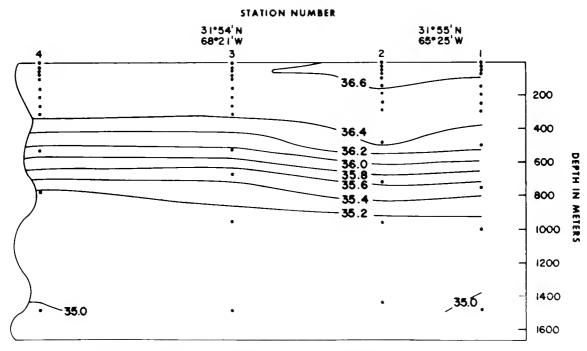
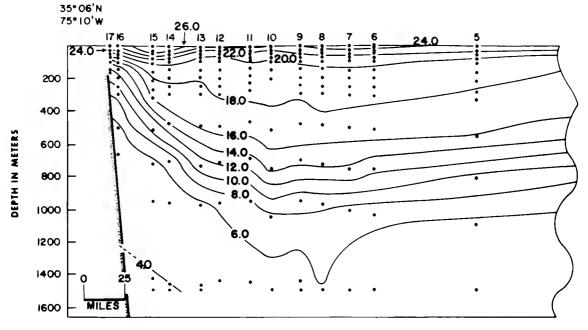


Figure 38.—Vertical section of salinity (%00). A6-9, CGC HUMBOLDT, 6-8 June 1969, stations 1-17.



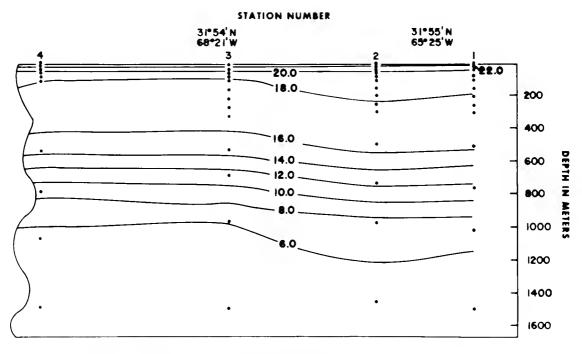
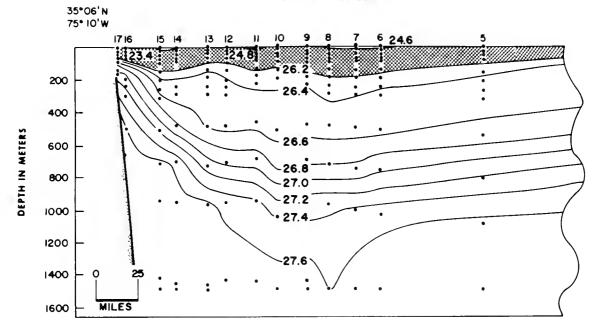


Figure 39.—Vertical section of temperature (°C). A6-9, CGC HUMBOLDT, 6-8 June 1969, stations 1-17.



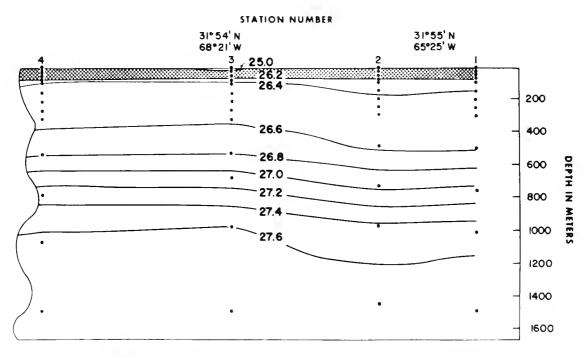


Figure 40.—Vertical section of sigma-t (g/10³ cm³). A6-9, CGC HUMBOLDT, 6–8 June 1969, stations 1-17. (Area of intense pycnocline indicated by crosshatching).

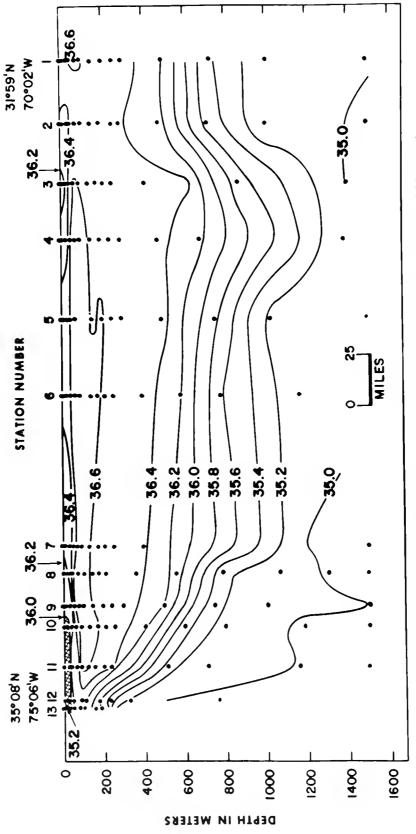


Figure 41.—Vertical section of salimity (%). A6-10, CGC McCULLOCH, 8–10 September 1969, stations 1-13 (Area of intense haloctine indicated by crosshatching).

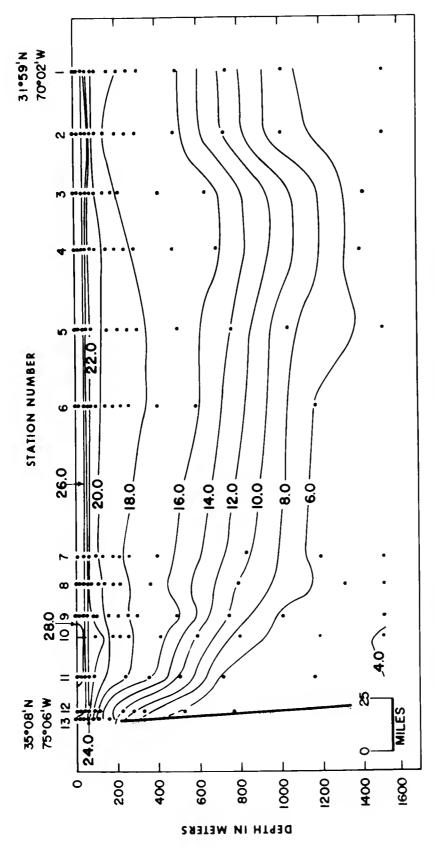


Figure 42.—Vertical section of temperature (°C). A6-10. CGC McCULLOCH, 8-10 September 1969, stations 1-13.

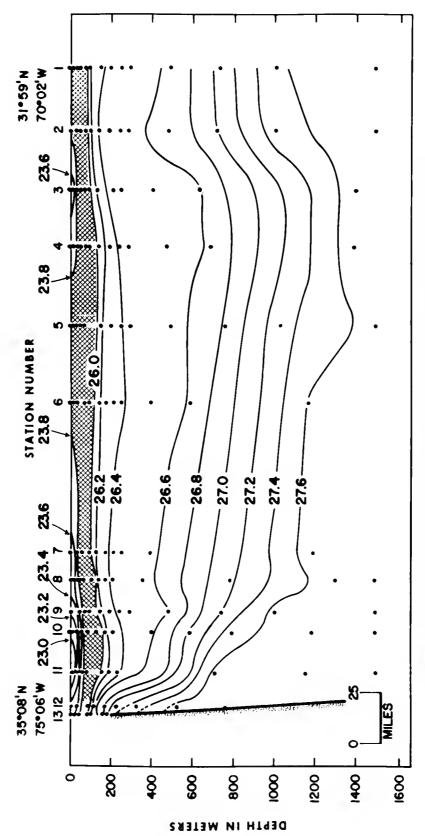


Figure 43.—Vertical section of sigma-t (g/10³ cm³). A6-10. CGC McCULLOCH, 8–10 September 1969, stations 1-13. (Area of intense pycnocline indicated by crosshatching).

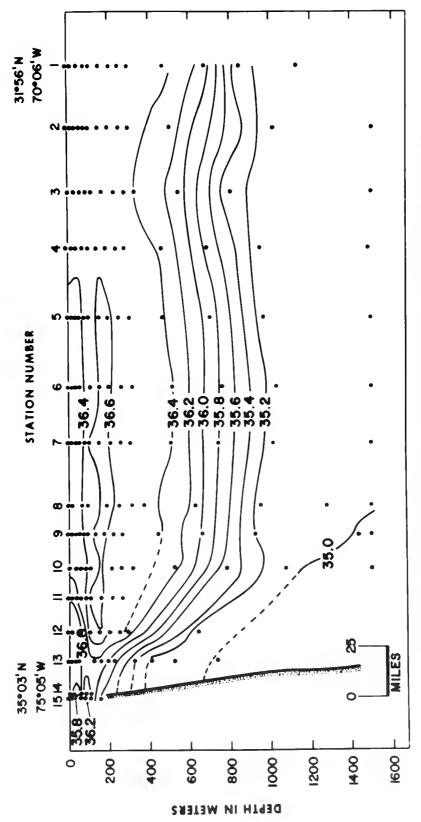


Figure 44.—Vertical section of salinity (%00). A6-11, CGC ABSECON, 16-17 November 1969, stations 1-15,

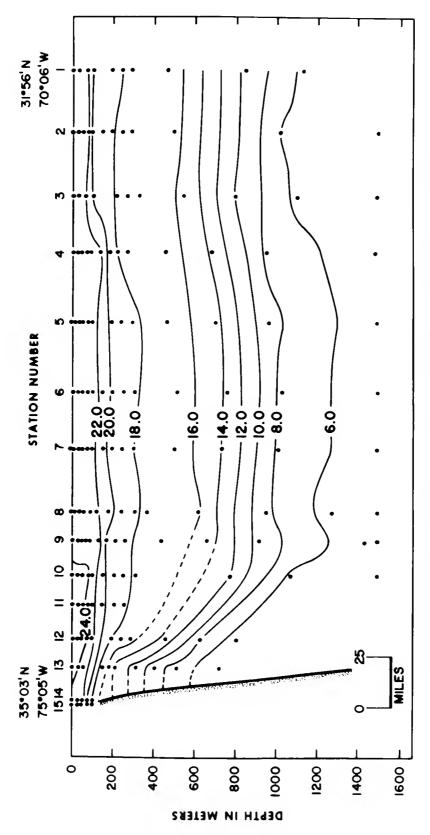


Figure 45.—Vertical section of temperature (°C). A6-11, CCC ABSECON, 16-17 November 1969, stations 1-15.

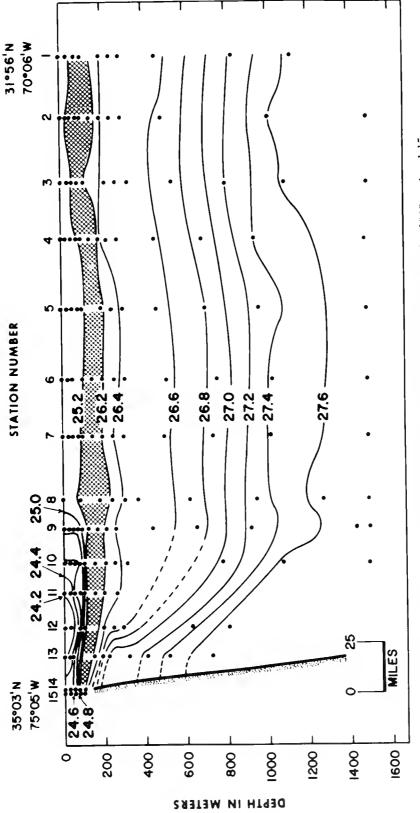
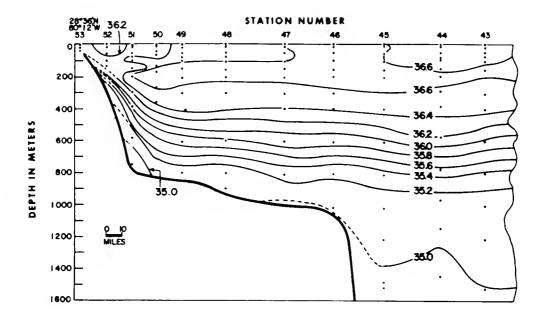


Figure 46.—Vertical section of sigma-1 (g/10² cm²). A6-11, CGC ABSECON, 16-17 November 1969, stations 1-15. (Area of intense pycnocline indicated by crosshatching).



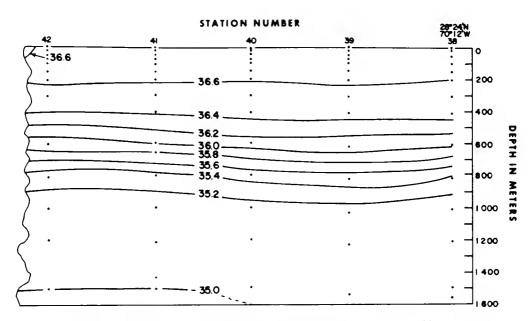
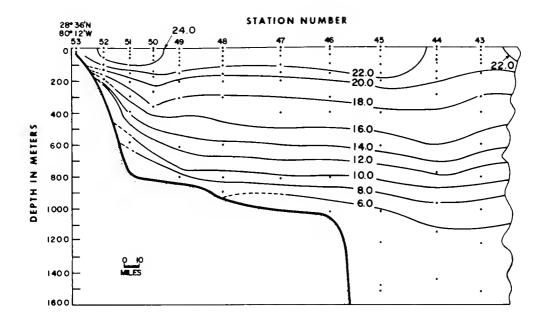


Figure 47.—Vertical section of salinity (%00). A7-1, CGC EVERGREEN, 29 January—1 February 1967, stations 38-53.



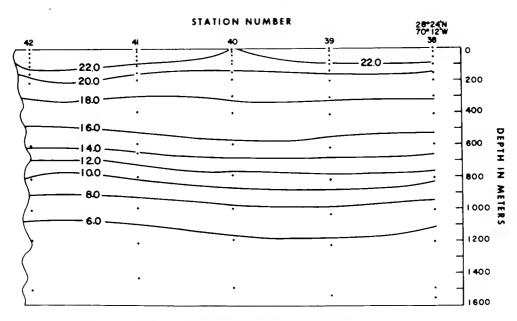
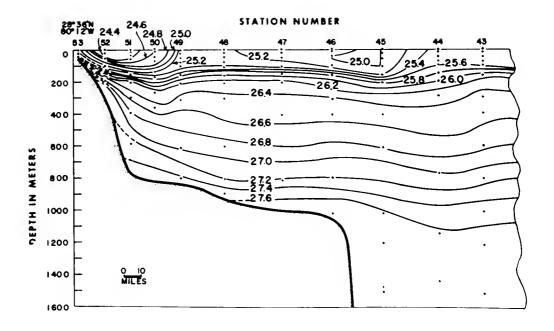


Figure 48.—Vertical section of temperature (°C). A7-1, CGC EVERGREEN, 29 January–1 February 1967, stations 38-53.



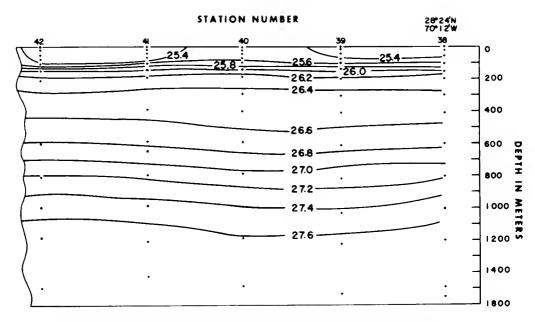
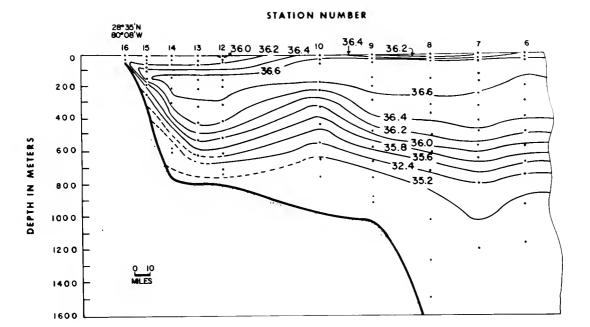


Figure 49.—Vertical section of sigma-t (g/10³ cm³), A7-1, CGC EVERGREEN. 29 January-1 February 1967, stations 38-53.



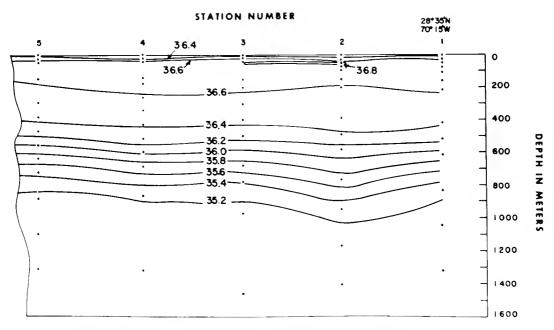
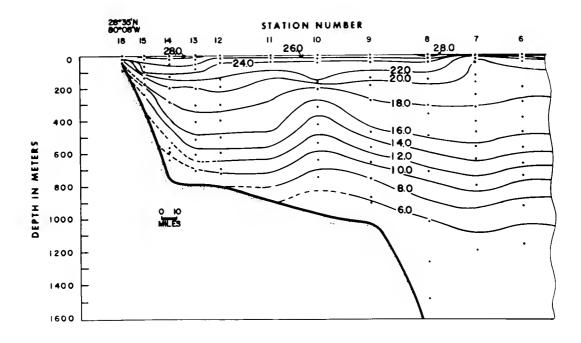


Figure 50.—Vertical section of salinity (%00), A7-2, CGC ANDROSCOGGIN, 26–28 June 1967, stations 1-16.



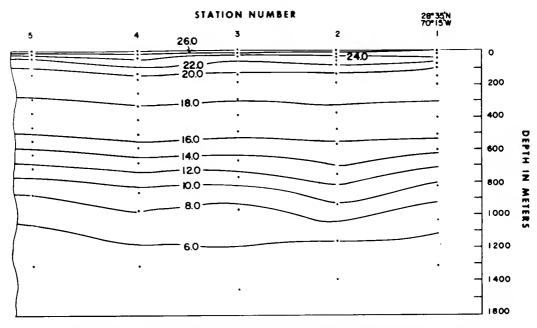
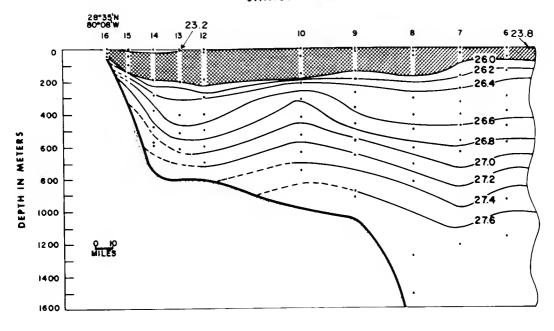


Figure 51.—Vertical section of temperature (°C). A7-2, CGC ANDROSCOGGIN, 26–28 June 1967, stations 1-16.



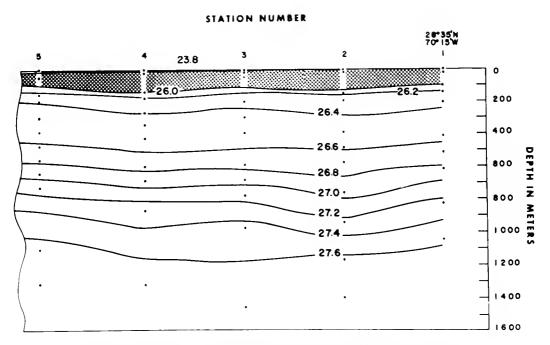


Figure 52.—Vertical section of sigma-t (g/10³ cm³). A7-2, CGC ANDROSCOGGIN, 26–28 June 1967, stations I-16. (Area of intense pycnocline indicated by crosshatching).

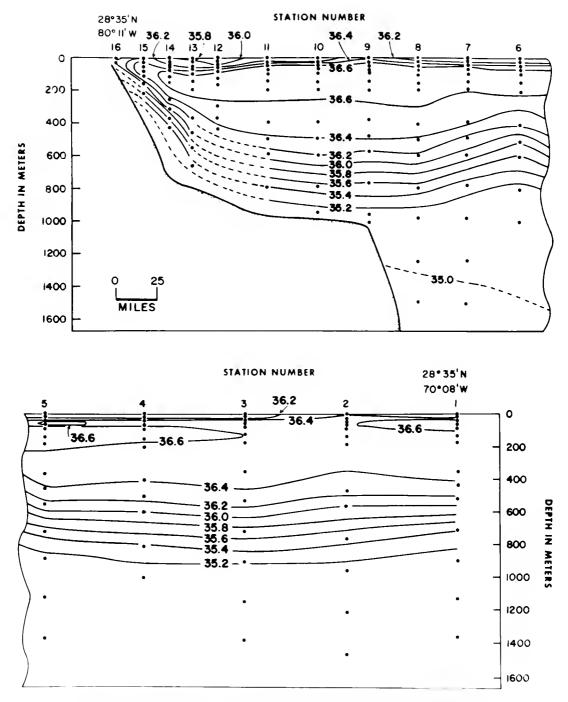


Figure 53.—Vertical section of salinity (%00). A7-3, CGC SEBAGO, 24-26 June 1968, stations 1-16.

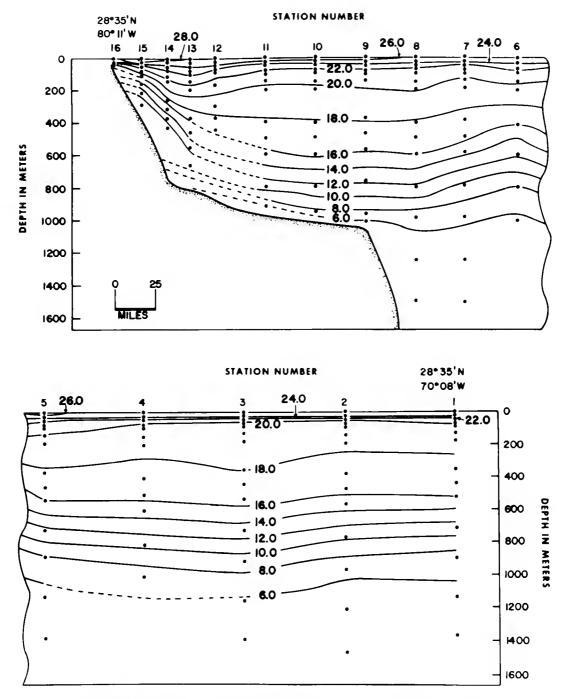


Figure 54.—Vertical section of temperature (°C). A7-3, CGC SEBAGO, 24–26 June 1968, stations 1-16.

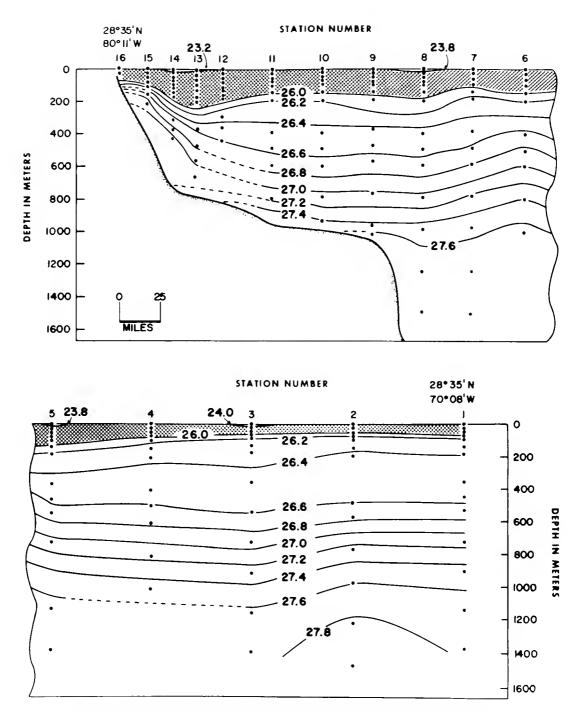


Figure 55.—Vertical section of sigma-1 (g/10³ cm³), A7-3, CGC SEBAGO, 24-26 June 1968, stations 1-16. (Area of intense pycnocline indicated by crosshatching).

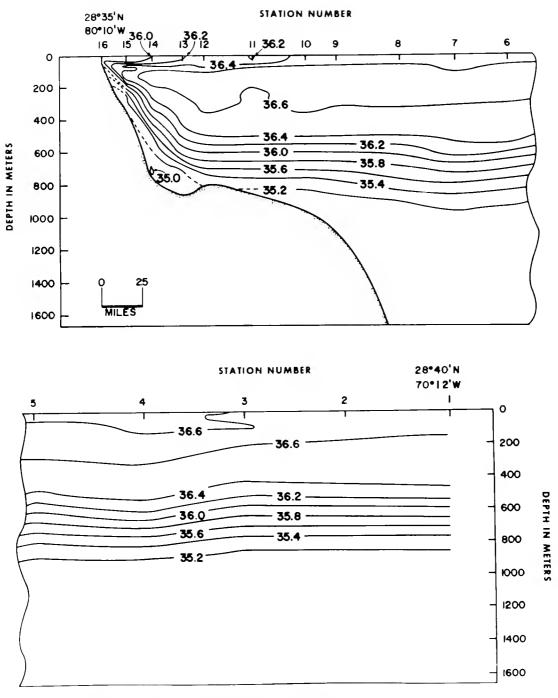


Figure 56.—Vertical section of salinity (°/00). A7-4, CGC ANDROSCOGGIN, 9-11 December 1969, stations 1-16.

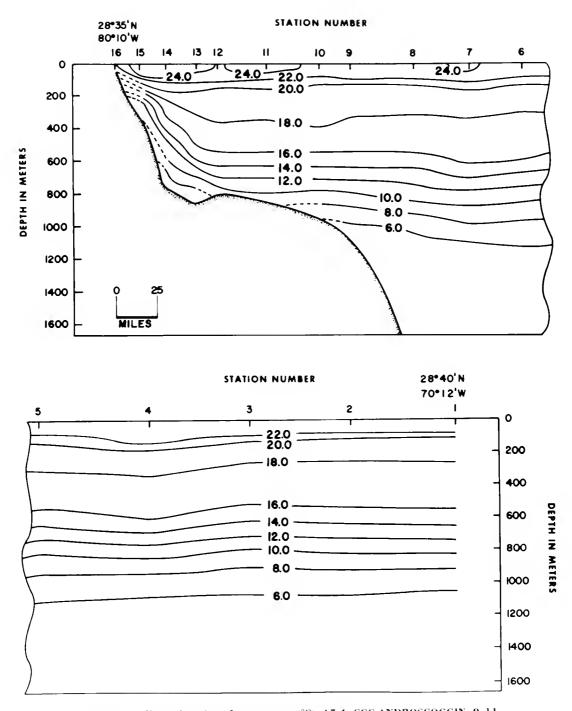


Figure 57.—Vertical section of temperature (°C). A7-4, CGC ANDROSCOGGIN, 9-11 December 1969, stations 1-16.

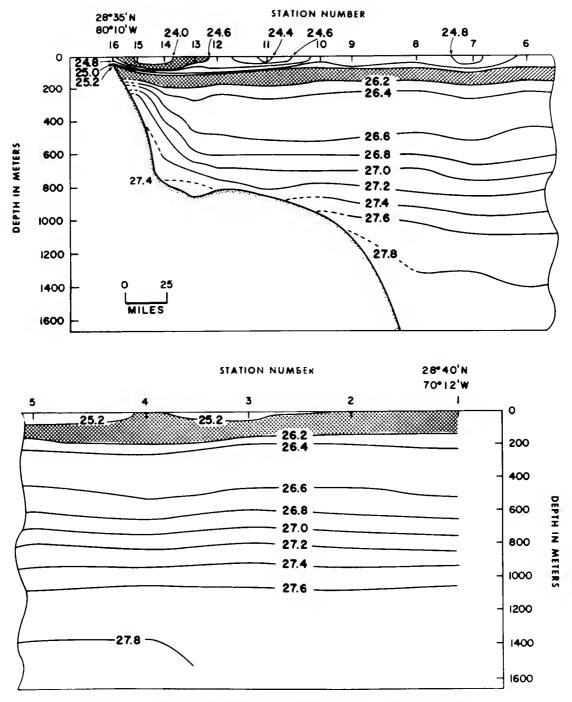


Figure 58.—Vertical section of sigma-t (g/10³ cm³). A7-4, CGC ANDROSCOGGIN, 9-11 December 1969, stations 1-16. (Area of intense pycnocline indicated by crosshatching).

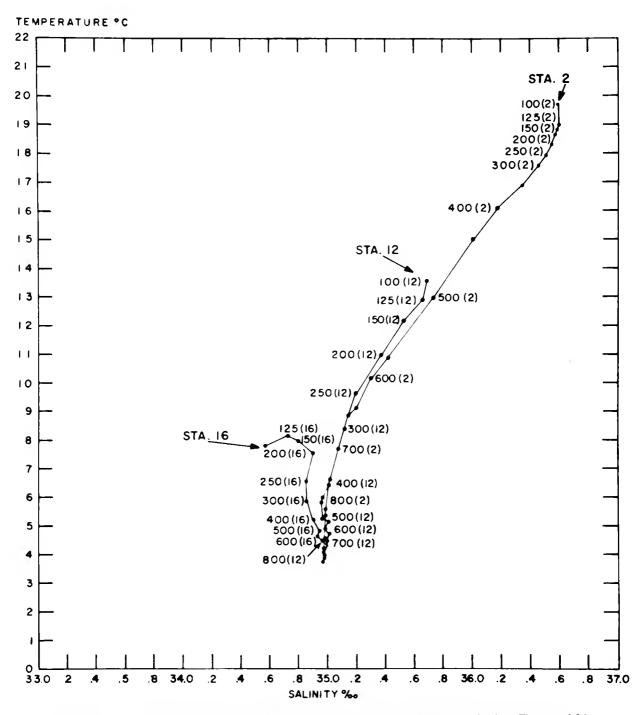


Figure 59.—Temperature-salinity diagram of stations 2 (North Atlantic Central Water), 12 (Slope Water) and 16 (Coastal Water) on standard section A5-3, November 1967. Data shallow than 100 meters not shown.

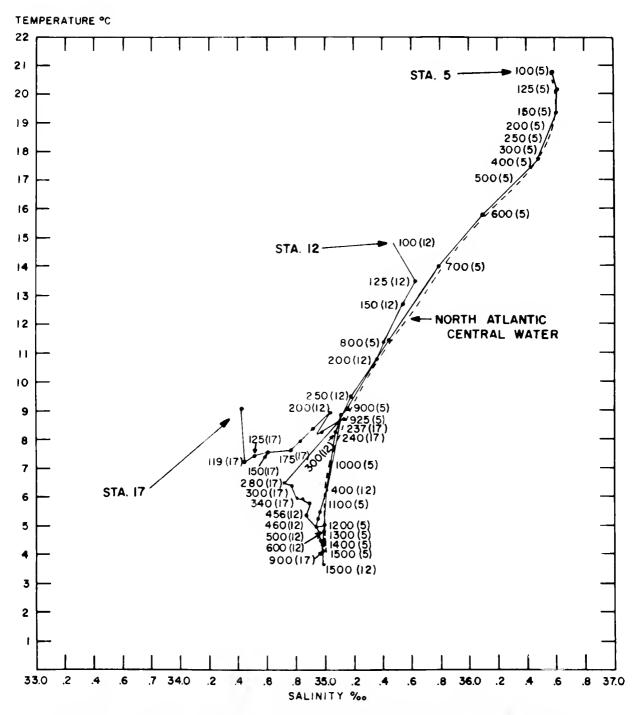


Figure 60.—Temperture-salinity diagram of stations 5 (North Atlantic Central Water), 12 (Slope Water), 17 (Coastal Water) on standard section A5-1, December 1967. Data shallower than 100 meters not known.

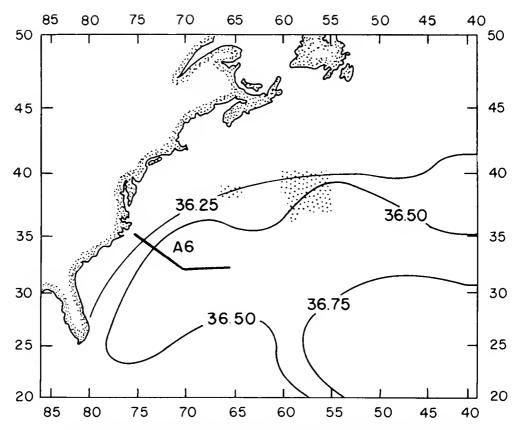


Figure 61.—Potential formation area for 18°C water during January, derived from mean January sea surface temperture and mean January, February and March sea surface salinity.

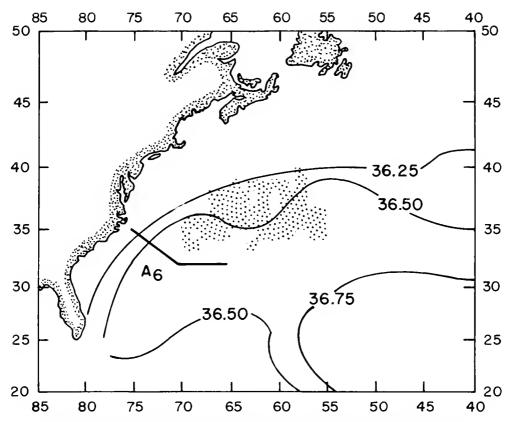


Figure 62.—Potential formation area for 18°C water during February derived from mean February sea surface temperature and mean January, February and March sea surface salinity.

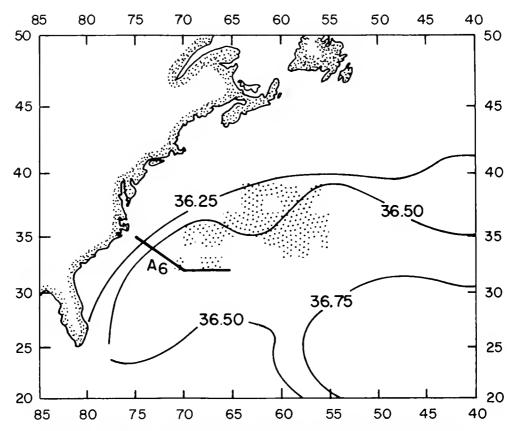


Figure 63.—Potential formation area for 18°C water during March, derived from mean March sea surface temperature and mean January, February and March sea surface salinity.

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.

FERENCE ID	SHIP	LATITU	DE	LON	ITUOE	100	MAR	SDEN ARE	STA	TION	TIME 1	YEAR	C	CR	IGINAT	OR'S TION	_	DEPTH	1 DE	AB PTH DF	08	WAV SERVAT			WEA-		DUD			DDC ATION
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			ST		012			610	34	03		80		012		0.2	253		763		0.7									
	134		085		014			627		259	26	95	-						776		492									
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Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

PEFERENCE	SHIP	LATITUDE	1.	ONGITUDE	DC 7	SOU		STATIO	N TIME		YEAR			ATDR'S	_	DEFT		PTH	0.00	WAVE	- 1	WEA-	CLOUD			ноос
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Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

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	003		089		0020	0.794	33355	261						810								
			51		0030	3836	3356	26		00192	1.4	3066		829								
			089		0030	0836	33552	26						829								
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			08	S	0290	0753	35100		440		0.5	039		853								
				10	0300	0735	3500 35000		739 739	00074	85	039.		4853								
			08		0300	0735	34390		148					4808								
			08		0375	0558	34865		752					4794								
				TO	0400	0557	3490	2.7	755	00060	12	046		4798								
			ОВ		0400	0557	34898		755				_	4798								
			0.8		0425	3559	34908		755	00054	0.2	0>1		4903 4794								
				TD.	0500	0506 0506	3491 34912		762 762	00024	102	0 / 1		4794								
			08	.TD	0600	0494	3496		767	00050	11	056	9 1	4806								
			0.8		0600	0494	34961		767					4806								
				TD	3700	0477	3493		767	00051	16	065		4815								
			08		0700	0477	34934		767	00050	7.	067		4815 4828								
				10	0800	0457	3494		768 768	00000	/ 1 *4	001		4828								
			0.6	TO	0800	3467 0449	3494		771	00045	39	072	1 1	4837								
			08		0930	3449	34939	2	771					4837								
				TD	1300	0437	3493		772	0000	34	077		4849								
			08		1000	0427			772 773	00048	25.7	081		4849 4859								
				T D	1100	0422 0422	3493		773	0004		001		4859								
			08	55 510	1200	0422			773	00048	865	006	8 1	4870	}							
			0.8		1200	0408	34919	2	773					4870								
			5	GTS	1300	04∪1	3492		775	00048	330	091	-	4884								
			0.6		1300	0401	34+24		775 774	0004	220	096		4884								
				616	1400 140J	0396 0396			774	0004	, , , ,	0.0		489								
			08	510	1500	5391			776	0004	887	101	4 1	491	3							
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Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

SHIP		11001		NGITUDE	De14T	VARSE SQUA	RE	STATION	Ť1	YEAR	L.	UISE	STATIC)N	DEPTH TO BCTTON	DEPTH DF		WAVE ERVATIONS	WEA- THER CODE	CODE	5		NODO
+-	+ -	1/1	0	1/10	-	10"	1.	MO DAY	HR.1, 10	-		NO	NUMB	E P	#C110%	S'AKPL"	S DIL	HGT PIE TI	CODE	TIPL AA	т .		- UMBE
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				1																			
			STD	000	0	18		3016		507	0	01953	4	0000		191							
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			510	0011		18		3616		06	0	01959	6	0019		194							
0	67		BS	601		18		3616		006						194							
			510	0021		18		3616		006	0	01964	0	0039		195							
0	67		35	0.05		18		3616		06	_					196							
			STD	0030		18		3613		05		01978		0058		195							
	_		STD	005		18		3603		0.5	0	01982	4	0098		188							
9	67		35	006		17		3599		11			_			181							
			STD	007		17		3600		17	U	01880	4	0146		176							
0	67		33	273		17		3601		29	_	G 14 70		0191		165 157							
2	. 7		5T0 5S	010		16 16		3604 3604		555	U	01678	4	0191		139							
1	5 7		510	012		15		3599	_	60	0	01486	7	0230		127							
			510	012		14		3582		574		01359		0466		092							
0	57	0		316		13		3573		81	0	0122,		0 . 00		072							
	,		STD	020		12		3550		91	0	01211	1	0330		043							
			STD	0250		11		3542		703		01102		0388		003							
			5 T O	0301		10		3528		714		01003		0441		966							
0.	ь 7		3.5	031	В	0.9	86	3523.	2 2	718		-			14	954							
			TD.	0400	0	0.8	16	3509	2	734	0	00818	9	0532	14	902							
0	. 7	0.3		10420)	0.7	80	3506	2	727					14	891							
			10	050)	06		35∪1		751		00659		0606		855							
			STD.	0600		0.5		3497		162	0	00554	. 3	0666		826							
a -	5.7	01		052		0.5		3496		164						821							
			E T D	0730		04		3496		767		00514		0720		822							
			910	080		04		3495		770	0	00490	4	0770	_	826							
0	57		35	T0821		04		3494		771						827							
			STD	0900	-	04		3494		772		00473		0818		831							
			STD	1900		04		3494		774	C	00463	1	0865		839							
0	67		35	103.		04		3493		775	_					842							
			STD	1100		04		3494		776		00457		0911		852							
			510	1200		23		3495		777	0	00454	0	0957		866							
2.	5.7		3.5 5.1.0	1123		03		3494		777 778		00453		1002		871 880							
			TD.	1300		03		3495		778 778		00453		1002		895							
			310	1500		23		3495		179		00453		1093		909							
	5.7		35	1152		03		3495		779	0	00473		10,53		913							
	0 1	(1)		1122		0.5		, 445	, ,	, , ,					14	7.1							

Table 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFER	NCE			1		_ =	MAR	SOEN	STAT	10N 1	'IME				ORIGIN	ATQR'S		0.0	EPTH .	N.A.I			A VE	7	WEA-	CLC	000			NO	- 1
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	ſ	TIME -	# NO	TYPE	GEPTH I	* 1	,	£	,	٠/	SIG	A4 A -1	١	AND	6 A L7 - 11	٥.	1 N C	ď	VELO		02 m		2 - 01 1		0.	2g - 0		A3 01	F9 3		p∺
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				STO	0010		1	821	359	9.1	25	93		002	084	5 (0020		151												
			(28 S	0010			821	359			93							151												
				STD	0020			921	358			92		002	098	0 (0041		151												
		003	(DBS	0020			821	358			92		00.3	106		0.62		151 151												
				STD BS	0030			921 821	358		25			002	100	, (002		151												
				STD	0050			900	357		25			002	183	3 (105		151												
			C	285	0050			800	357		25								151												
				STD	0075			740	356		25			002	092	5 (159		151												
			C	85	0075			740	356		25								151												
				STD	0100			719	356			98		002	071	5 (211		151												
			·)85 STD	0100			719 530	356		25	08		001	9776		261		151 151												
				310	0125			530	355		26			001	7111	5 (- 01		151												
				STO	0150			509	356			27		001	804	4 (309		151												
			0	085	0150		16	509	35€	88	26	27							151	41											
				STO	0200			440	356			60		001	504	2 (191		150												
			C	085	0200			440	356		26								150												
				STD	0250			264	354			86		001	271	5 (461		150												
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				STO	0400			936	351		27			000	995	8 (630		149												
			C	BS	0400		0	936	351	0.8	27	16							149	47											
				STD	0500		0	717	349	0	27	34		000	828	2 (722	2	148	78											
			C	085	0500			717	349		27						_		148												
			_	STO	0600			516	349		27			000	661) (796		148												
			C	85	0600			516	349		27			000	573	, ,	858		148												
				STD	0700			531	349		27			000	212	1 (096		148												
				STO	0800			482	349		27			000	510	3 (912		148												
			C	B 5	0800			482	349		27								148												
				STD	0900			472	349			69		000	5184	4 (963		148												
			(185	0900			472	349			69							148												
				STD	1000			448	349			71		000	504	9]	015		148												
			C	985 STO	1000			448	349		27	71		000	501	,	069		148												
				31U 085	1100			449	340	-	_	72		000	JU1.	٠ .	~ 0:		148												
				STO	1200			425	349			72		000	508	2 1	115		148												
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				STO	1300		0	412	349	3	27	74		000	496	1 1	166	5	148	88											
			0) 8 S	1300			412	349			74							148												
				STO	1400			403	349			74		000	498	0 1	215	,	149												
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Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

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CIBY	HD .	SHIP	LATITUDE	, ro	NGITUO!	8 200	SDEN	STAT	ON TI	ME	¥€ # #			ST A THO	N.	۲.	OFFTH TO BOTTOM	DEPTH	1	ZERVA.	TIONS	TH	EP .	CDDES	- 1		\$1.	TION	
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				STD	0000		083	364			64	0	02356	6	000	00		260 260											
		141	. '	OBS STO	0000		083	364			65	Λ	02355	0	002	> 3		262											
				OBS	0010		082	364		25			0.					262											
				STD	0020		082	364			65	0	02358	7	004	4 7		263											
		004		OBS	0020		082	364			65							263											
				STO	0030		082	364			64	0	02365	2	00	10		265 265											
				OBS	0030		082	364			78	٥	02239	3	01	16		254											
				STD OBS	0050		030	364			78	0	02633	_	-	• •		254											
				STD	0075		02B	364			79	0	02241	3	01	72	15	258											
				OBS	0075		028	364			79							258											
				STO	0100		020	364			82	0	02227	8	022	28		260											
				OBS	0100		020	364			93	٥	02124	. 7	028	R 3		260 263											
				STD OBS	0125		010	365			93		02.22	•	0-	-		263											
				STD	0150		957	365			0.8	0	01991	0	03	34	15	253											
				OBS	0150	1	957	365			0.8							253											
				SID	0200		859	36			30	0	01806	0	047	29		233											
				085	0200		859	369			30	_	01746	5	05	1 8		233 230											
				STD OBS	0250		822	364			38	U	01/46	, ,	0 -	10		230											
				STO	0300		790	364			38	0	01754	3	060	35		228											
				085	0300	1	790	36			38							228											
				STO	0400		682	36			51	0	01668	5	07	76		210											
				OBS	0400		682	36			51	_	01609		094	. ^		210 159											
				STD OBS	0500 0500		481	35			59	U	0100	,	0,,	• 0		159											
				STD	0600		176	350			98	0	01233	4	10	83		070											
				OBS	0600		176	354	24	26	98							070											
				STD	0700		908	35			24	0	00984	7	11	93		987											
				085	0700		908	35			24		00800		12			987 921											
				510	0800		697 697	349			142	0	00800		121	0 3		921											
				085 STD	0900)557	340			57	0	0064	7	13	55		881											
				085	0900		557	34			157						14	881											
				510	1000		503	34			64	0	00578	1	14	16		876											
				0 B S	1000		503	34			64	^	00555	. ,	1.6	72		876											
				510	1100)480)480	34			167 167	0	0055		14	(3		883 883											
				OBS STD	1200		431	34			770	0	00528	14	15	27		879											
				085	1200		431	34			770						14	879											
				STD	1300		0418	34			772	0	0051	5	15	79		890											
				OBS	1300		0418		909		772		0053					890											
				510	1400		0414	34			172 172	0	0052	96	16	31		905 905											
				085 STD	1400 1500		406	34			773	0	0051	16	16	83		919											
				085	1500		0406		909		773	0			• •	,,		919											
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Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

PERENCE	SNIP			- 5	MARSOEN	STATE	ON TIN	4E			RIGINA			DEPTH	MAR.		WA	VE A DOM		LA-	CLOU	0			NODC
IO.	COOS	₩u.		ONGITUOE BY		MO 0			YEAR	CRUISE NO.	ST.	ATION		TO BOTTOM	OF S'MPL'S			A TIONS		EF IDE	1176 4				TATION
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					COOF	lm1	\rightarrow	POICE	(mbz	\rightarrow	-+	BULE		DEFINS											
					DT	50	30	525	254	11	7	083	7	27	Щ,		Ļ						-		
	MESSENGE DAME		CARO	OEFTH Imi	r tc	,	٠4.	SIGM	A-1	SPECIFIC	VOLUM	ı ş	A 0	\$00	JND	02 ml		PO 4-F	10141		NO3-N			51 04-5	рн
- 1	HB 1/10	Ĭ NO.	TYPE							ANUMA		, x	103	VELO	CITY			g + at/1	48.0	*/1	vg - a1/	48 -	a1/1	yy - at/	<u> </u>
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			STO	0000	1997	364		258		0021	346	00	00		237										
	203		085	0000	1997	364 364		258 258		0021	420	00	21		237 239										
			STD	0010	1998 1996	364		258		0021	420	00	21		239										
			STD	0020	1998	364		258		0021	465	00	42	15											
	003		085	0020	1998	364		258							241										
			510	0030	1998	364		258 258		0021	502	00	64		242 242										
			085 STD	0030	1998 1999	364 364		258		0021	603	0.1	07		246										
			085	0050	1999	364		258		,		,	- /		246										
			570	0075	1999	364	2	258		0021	695	01	61		250										
			085	0075	1999	364		258							250										
			510	0100	1999 1999	364 364		258 258		0021	769	04	15		254 254										
			085 510	0100	1999	364		258		0021	906	04	70		258										
			085	0125	1999	364		258							258										
			STD	0150	1999	364		258		0021	986	03	25		262										
			0B5	0150	1999	364		258							262										
			510	0200	1934 1934	365 365		261 261		0019	169 /	0.	29		254 254										
			085 510	0200 0250	1862	364		262		0018	1435	0.5	24		242										
			085	0250	1862	364		262							242										
			STD	0300	1826	364		263		0017	7793	06	15		239										
			OBS	0300	1826	364		263							239										
			STD	0400	1759 1759	363 363		264		0017	424	. 0	791		235 235										
			085 510	0500	1697	362		264		0017	1173	09	64		232										
			085	0500	1697	362		264					-		232										
			STD	0600	1388	356	6	267		0014	833	1	24		145										
			085	0600	1388	356		267							145										
			510	0700 0700	1094 1094	352 3 5 2		269 269		0012	:363		260		056 056										
			085 510	0800	0821	350		272		0009	9588	1	370		969										
			085	0800	0821	350		272							969										
			STD	0900	0625	349		275		0007	7197	14	54		909										
			085	0900	0625	349		275							909										
			510	1000	0552	349		276		0006	> 1 1	1.	21		896 896										
			085 085	1000 1050	0552 0480	349		276							876 874										
			085	1080	0493	349		276						14	865										
			5TD	1100	0471	348		276		0005	786	15	82		679										
			085	1100	0471	348		276							879										
			08S 51D	1160 1200	0455 0476	348 349		276		0005	542	. 14	38		882 898										
			085	1200	0476	349		276		500	🕶 3		0		898										
			5 T D	1300	0455	349		277		0005	436	16	593		906										
			085	1300	0455	349		277					_		906										
			STD	1400	0449	349		277		0005	466	1	748		920										
			085 STD	1400 1500	0449	349 349		277		0005	1395	. 17	302		920 930										
				1200	U433	J 🤏 🤊	, ,	611																	

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP		T		, =	MAI	SDEN	NOIT A TZ	TIME		1	ORIGIN	ATOR:	_	DI	PTH	MAX		W A VE	WEA	TCLOUD			N.	DDC
CODE NO.	CODE	LATITU		LONGITUOE 1/11	OBJ.T.	501	JARE	IG M		YEAR	C.R.	JISE 40.	STATIO NUMBE	N		10 110M	OF S'MPL		ERVATIONS	THER	CODES			1 51A	TION
1	-		1/10		-	10	11.		HR 1/10						+-	-	7.44.16	1	HG7 928 1		INPL AU			-	_
318006	IEV I	3859	N I	063245W		115	83 WA	01 18	WIND	196		52 00 AN TE			49	38		33	3 2 1	X 2	0 3			0	009
							COLOR	TRANS DI	R. SPEE	ME	RO- ETER	DBA	WET	COE			SPE VABEBO	CIAL /ATIONS							
							OT	SD 3	51	-	81	111	071	-	2	-			1						
	MESSENGE TIME	C.457	CAR	10				1	1	-	т,	CIFIC VOLU		≨ ∆ 0		sou	ND.		FO 4=P	IDTAL-P	NO2-N	403~1		4-5-	
	TIME HP 1/10	ND	119	DEPTH	(m)	'	7"	\$ *4.	SI	GMA-1	AF	NOMALT-E	97	I 103		VELO		03 m	10.41	-0 B)	n8 - ar	NB - 01	1 -9	at 1	р₩
													1												
			ST				050	3636		568	0.0	02318	5 (0000		152									
	233	3	089				050	3635		568			_			152									
			085				049	3636 3636		569 569	0.0	02317	8 (0023		152 152									
			51				049	3639		571	0.0	02297	9 1	0046		152									
	004		085				049	3639		571		0227.				152									
			ST				017	3640		580	00	02214	6 (0068		152									
			085				017	3640		580		02121				152									
			51 085				983 983	3640 3640		589 589	00	02134	8	112		152 152									
			SI				983	3641		590	0.0	02142	2 (165		152									
			085				983	36406		590	٥,		- '			152									
			5 T				983	3641		590	0.0	02149	5 (219	9	152	50								
			085				983	3640		590						152									
			089				983 983	3643 3643		592 592	00	02141	5	1273		152 152									
			51				976	3655		602	0.0	02048	3 (325		152									
			089				976	3654		602	-					152									
			51				911	3655		619	00	01904	0 ()424		152									
			089				911	36550		619		75 .	_			152									
			089				830	3650 3650		637 637	0 (01756	/	15 15		152									
			ST				807	3648		64 L	0.0	01734	3 (603		152									
			085				807	3648		641	•			,		152									
			51				721	3633		650	0 (01674	5 1	773		152									
			085				721	36330		650						152									
			51 085				536 536	3591 3590		661 661	0.0	01593	4 (936		151 151									
			51				233	3547		691	00	01308	5	1082		150									
			085				233	3547		691						150									
			ST	0 070	0	0	948	3506		711	00	01112	7	1403		150									
			085				948	3505		711			_			150									
			089				743	3489 3488		729 729	0 (00925	0	1304		149									
			089				577	34749		740						148									
			085				611	3480		741						148									
			085				559	3479		747						148									
			51				599	3491		750	00	00716	2	1387		148									
			085 085				599	3490		750 758						148									
			51				539	3496		150 162	0.0	00610	3	453		148									
			085				539	34956		762	٠.					148									
			51				494	3490		763	00	00599	5	513		148									
			085				494	34904		763		0.054.0		5.90		148									
			S1 089				465 465	3495		769 769	00	00540		570		148									
			51				449	3495		771	0.0	00529	5	1624		149									
			089				449	3494	7 2	771						149	04								
			51				432	3494		772	0.0	00523	4	1676		149	_								
			089				432	34938		772		00E10		722		149									
			085				422	3494		774 7 74	00	00518	У.	1729		149									
			003	, 150		0	422	24430	, 4	, , ~						149	۵.								

Table L. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

														_					MAR	_			1	,			
CTW	ID.	SHIP	LATTU	DE	LON	SITUDE	×		SDEN	STAT	ON T	ME	YEAR	CRUIS	_	ATORS		DEPTH	DEPTH	08	WAVE SERVATIONS	W EA-	CLOUD		5	TATION	
COOL	NO.	CODE		1/10		1/10	22	10.	111	MO 1	DAY	R,1/10		ND		W M BEI		BOTTON	S'MPL"	S DIR	HGT PER SE	CDDE	TYPI A W	T		HU MABER	
316	1006	FV	3656	N	062	58 W		115	82	01 1	9 0	35	1967	A5	01	n		3564	T	32	4 2	X 2	0 3			0010	
	.000		0000		002	JO #			W.W.			VIND	BAR		AIR TE			ND.		CIAL	1	,					
									COLOR		DIR	SPEED	METI	ER .	DRT	WET	COD	0.00	CAREEN	A TIONS							
									CODE	181	-	7 D4C	_	\rightarrow	BULB	BULB	+	-									
									DΤ	50	31	530	31	8 :	117	083	7	21	<u> </u>		l						_
		MESSENG	CAST NO.	CA	ND	DEFTN		Ι,	r *c	١,	٠/	110	MA-T	seco	ic volu	ME :	E A D	50	UND	Q ₂ ml/	PO4-P	TOTAL-P	ND2-N	ND3-N	5104-5	.i	13
		H# 1/1	NO.	TY	n	DEFIN	VM I	'		'	***	310		AND	44 A L T - B I	۰' ا '	x 103	VEL	DCITY	07	¥g = 61/1	yg - s1/i	νφ - σl/l	μg - bl/l	PQ - 01/	PH	- 1
																											T
			'	s.	то ′	0000)	' z	229	363	15	25	18	00.	2792	9 0	000	15	297 '		1				1		
		03	7	0B:		0000	0	2	229	363	54	25							297								
				S.	TO	0010)		229	36		25		00	2796	8 0	027		299								
				08		0010			229	363		25							299								
					ro	0020			230	363		25		002	2803	4 0	055		301								
		00	3	OBS	-	00 20			230 230	363		25 25		00	2807		084		301 303								
				51 OB5		0030			230	363		25		00,	2007	, 0	U 0 4		303								
				51		0050			230	363		25		00:	796	9 0	140		306								
				08		0050			230	363		25		• • •					306								
					10	0075			202	364	8	25		002	2659	6 0	208	15	304								
				OB:	5	007	5	2	202	364	79	25	35					15	304								
				51		0100			010	363		25		00	2250	3 0	269		256								
				OBS		0100			010	363		25							256								
				51		012			930	365		26		00	19480	0	322		240								
				0B:		0125			930 959	365		26 26		00	2030		371		240 252								
				085		0150			959 959	365		26		002	2030	0 0	211		252								
				51		0200			842	364		26		00	1775	7 0	467		228								
				OBS		0200			842	364		26		-					228								
				51	ro	0250)	1	813	364	8	26	39	00	1734	4 0	554	15	227								
				085	5	0250			813	364		26							227								
				51		0300			756	364		26		00	1675	3 0	640		218								
				OB:		0300			756	363		26				, ,	P 0 3		218								
					סד	0400			613	361		26 26		00	1588	1 0	803		188 188								
				08:	T 0	0500			613 319	361 356		26		00	1361	6 0	950		104								
				OB:		0500			319	355		26		00			, , ,		104								
					TO.	0600			999	349		26		00	1252	4 1	0 6 1		001								
				OB:		0600			999	349		26							001								
				51	T 0	0700		0	631	349		27	50	000	698	8 1	179	14	878								
				OB:		0700			631	349		27					_		878								
					TD	0800			542	348		27		000	0672	8 1	247		857								
				OB:		0800			542	348		27		0.0	1 .				857								
					T D	0900			515 515	348		27		000	0611	o 1	311		863 863								
				OB:		1000			515 499	349		27		000	3565	6 1	370		874								
				08:		1000			499	349		27		500	,,,,,		- 10		874								
					TD.	1100			463	349		27		000	536	7 1	425		876								
				OB:		1100			463	349	34	27	69					14	876								
					TO	1200			449	349		27	71	000	524	7 1	478	14	887								
				08:	5	120)	0	449	349	39	27	71					14	687								

Table 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

RENCE					L	= M	APSDE	N	TAT	ON T	ME		T	ORIGIN	ATOR'S		CEPTH	MAK		WAVE	wi	EA-	Crono	1		NOOC
10.	CODE	LATITU		LONGI		8 2	QUAR			GMT)		YEAR	CRI		TATION		TO BOTTOM	OEPTH	"	SERVATIONS	I H		COOES			NOOC STATION NUMBER
NO.			1/10		1/10	10	7	1° A	10 0	AY H	a 1/10		1.	0.	UMBER		10110m	5"MPL"	S DR	HGT NE S	1	-	TYPE A M	1		- OM SEA
8006	I _{EV}	3811	N	0623	1 w	111	5 8	2 0			67	1967	JA.	52 01			4992	<u> </u>	29	3 2	X	6	0 3		Į.	0011
							_	WATE	P		VINO	BAR	٥.	AIR TE		VIS.	NO.	SPE	CIAL							
							CC	LOR	RANS.	OR.	SPEED OR FORCE	M ET (mb		DULB	WET	COD	OBS. DEFTHS	OBSERV	ZHORS							
							\vdash	\rightarrow				+-	_		_	+_	-									
							10	T	50	32	512	32	8	106	083		24				_	_		,		, —
	MISSENGE	CAST	CAI		OEPTH IM)	,	1 %	.	5	٠/	SIGA	A A - T	10	citic vocu	MZ 3	YN. M	501	ONL	O2 m1/	PO4~P	10141	-+	NO2-N	NO3=N	SI O	
	HR 1/10	NO.	171	**							1_			OMALT-11		x 10 ³	VELC	CITY		yg + 41/1	26 - 0	1/1	µg - 01/	µg - at/1	yg - ol.	1
						Т					\Box						1					Т				
	'	, ,	5.	r D	0000		225	7	363	16	25	11	0	02865	5 0	000	15	304		*						
	067	7	08		0000		225		363	59	25	11					15	304								
			5	ΓD	0010		225	7	363	6	25	11	0	02869	4 0	028	15	306								
			089	5	0010		225	7	363	159	25	1.1						306								
			5	T D	0020		225	8	363		25		0	02876	0 0	057		308								
	004	•	OB:		0020		225		363		25							308								
			S		0030		225		363		25		0	2882	7 0	086		310								
			085		0030		225		363		25		_		_			310								
					0050		225		363		25		01	02890	5 0	143		313								
			089		0050		225		363		25				, .	211		313								
			5		0075		225		363		25		U	2896	6 U	216		317								
			08!		0075		225		363		25		0	02906		288		317 322								
			08:		0100		225		363		25		0	02900	• 0	~00		322								
			5		0125		225		364		25		n	02879	n n	361		326								
			08		0125		225		364		25			020.,				326								
			5		0150		223		364		25		0	02793) 0	432		323								
			OB:		0150		223		364		25				•			323								
					0200		208		365	3	25		0	02350	3 0	560	15	294								
			08		0200		208		365		25						15	294								
			5		0250		198		365	3	260	00	0	02108	3 0	672	15	275								
			089		0250		198	0	365	31	260	00					15	275								
			5	r D	0300		183	7	363	8	262	25	01	01881	5 0	771	15	241								
			089	5	0300		183	7	363	179	262	2.5					15.	241								
			5	10	0400		173	8	363	12	264	46	0	01718	ь 0	951	15	228								
			08	S	0400		173		363		264							228								
			S.	T D	0500		157		360		266		0	01597	9 1	117		190								
			089		0500		157		360		266				_	р.		190								
			5		0600		128		354		268		0	01410	3 1	268		106								
			08		0600		128		354		261				_			106								
				TD	0700		097		351		27		0	01116	υ 1	394		012								
			08:		0700		097		351		27					403		012								
				TD.	0800		074		350		27		0	00844	U 1	492		939								
			08		0800		074		349		27			00663	, ,	567		939 892								
			08		0900		058		349		27		U	00063	<i>z</i> 1	16/		892 892								
				T D	1000		052		349		276		0	00591	2 1	630		892 887								
			OB:		1000		052		349		276		-	00//1	~ 1	0		887								
				T D	1100		049		349		276		0	00567	9 1	688		889								
			08		1100		049		349		276		-			- 0		889								
				to	1200		045		349		27		0	00536	9 1	743		891								
			08		1200		045		349		27		•					891								
				TD	1300		044		349		27		0	00527	9 1	796		900								
			08		1300		044		349		27						14	900								
				TD	1400		042	3	349	3	27		0	00514	3 1	849		909								
			08		1400		042	3	349		27							909								
			5	T D	1500		041	2	349	3	27	74	0	00512	8 1	900		922								
			OB:	5,	1500		041	2	349	29	27	74					14	922								

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

10.	SHIP	LATITU		DNGITUDE		MARSDEN SOUARE	STATION 1		YEAR	CRUISE	51	TATION		DEPTH TO BOTTON	DEPTH OF		WAVE SERVATIONS	WEA- THER CODE	CODES	1		NODC TATION
NO.	001	·	1/10	1/1	0 - 4	10" 1"	MD DAY	(A 1/10		NO.	N	UMBER	-	***************************************	S'MPL"	DIR	HGT PER SE	A	UP AU	1		
ع اهور	Ev l	3742	N O	622154		115 72	01 19	102	1967		11			4975		29	3 2	X 2	0 3			001
						WA		WIND	_ IAB	10+	TEN	AP C	VIS.	NO. 085.		CIAL						
						COLOR	TRANS DIR.	PORC	1000			WET	C001	DEFTHS	DBSERV	A TIDNS						
						01	50 33	516		8 11	7	100	6	24			1					
_	-		_			1 - 101	30 32	1310		1	_		1	-	<u> </u>		1				Γ	T
MI	ESSENGE TIME Q	CAST NO.	CARD	DEPTH	(m)	1 70	5 %.	SIG	MA-1	SPECIFIC V	0101	"," on	Δ D.	VEL	OCITY	D2 m1/	FO4-P	1074L-F 29 - n+/1	NO2-N	NO3-N	\$1 D \$1 ug - 61,	1 01
н	R 1/10			-		<u> </u>		+		+			10"	-			+		+	-	-	+-
				1			1	1				. !		١,,,	207							
			STD	000		2246	3638		15	0028	210) ()(000		302							
	102		085	000		2246 2245	36379 3638		16	0028	> > :	2 01	28		303							
			S10 085	001		2245	36379		16	0020			20		303							
			510	007		2246	3638		15	0028.	288	9 00	056		305							
	004		085	002		2246	36379		15					15	305							
			STD	00		2247	3638	2.5	15	0028	355	5 00	84		307							
			085	00		2247	36379		15						307							
			510	009	50	2249	3638		15	0028	+8	7 0	141		311							
			085	009		2249	36379		15						311							
			STD	00		2248	3638		15	0028	לכ	7 0.	212		315							
			085	010		2248	36379 3638		15	0028	5 A :	2 n.	284		319							
			ST0 085	010		2249	36379		15	0020	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				319							
			510	012		2205	3660		44	0026	002	2 0.	352		315							
			085	012		2205	36599	2.5	44					15	315							
			STD	015		2141	3657	25	59	0024	50	3 04	16	15	302							
			085	015	50	2141	36569		59						302							
			SID	020	00	2061	3662		85	0022	34)	1 0	533		290							
			085	020		2061	36619		85						290							
			STD	025		1920	3654		16	0019	520	0 0	538		258							
			085	025		1920	36539 3649		26	0018	720	0 0	733		251							
			ST0 085	030		1868 1868	36494		26	0016	15.	9 0	1 3 3		251							
			510	040		1804	3643		38	0017	36	3 0	917		249							
			085	040		1804	36434		38				-		249							
			510	050		1740	3632		45	0017	500	0 1	93		245							
			085	050		1740	36319	26	45					15	245							
			STD	060	0 0	1640	3611	26	52	0017	11	2 1	268		229							
			085	060		1640	36109		52						229							
			STD			1442	3577		71	0015	46	в 1	431		180							
			085	070		1442	35769 3536		71	0013	75	s 1	> 7 7		111							
			STD			1200 1200	35359		89	0013	. 9	, 1	- 11		111							
			085 STD	080		0956	3508		711	0011	481	0 1	703		037							
			085	091		0956	35084		711	0011		- 1			037							
			STO			0746	3497		735	0009	03	7 1	806		973							
			085	10		0746	34969	2	735						973							
			510			0579	3492	2	754	0007	01	5 1	888		923							
			085	11		0579	34924		754						923							
			510			0522	3493		761	0006	30	7 1	953		917							
			085	1.2		0522	34929		761	2005	٠.		٥.,		917							
			510			0489	3493		765	0005	46	<i>c</i> 2	014		920							
			085	13		0489	34929		765 769	0005	60	4 2	0 7 2		924							
			STO			0459	3494 34937	_	769	0009	00	• 2	0 /2		924							
			085	14		0459	34931		771	0005	54	B 2	128		937							
			S10		00	0449	34939		771	0002					937							

Table 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

											,						,				,			
	REFERENCE		LATITU	DE	LONGITUDE	5 ×50		STATION TI	ME.	YEAR					10	UEPT		WAVE		THER	CLOUD		5.77	NOITA
The color The	C006 NO.	COOL		7/10	1/10	10*	1.	MO OAY H	1/10		NO.			_	BOTTO		'S 0:1	HGTFI	1 51-	CODE	TYPL A MI		NU	M SEP
	318006	Ev	3717	N C	6202 W	111				1967	A52	01	3	_	5120		35	6 2		X6	0 3		c	0013
										BARG						SF	EC1AL							
							COOL	TEANS DIR.	FOICE	(mbi				CODE	DEPTH	SORSE	VATIONS							
STO ODD 1942 3648 2606 OD19570 OD00 15223 OD19570 OD1957							DT	50 05	520	36	2 1	17	100	7	29									
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135		HR 1/10	NO.	TYPE	Otrin in			7	3107	~~-	ANOM	ALT-ES	•'	103	VE	LOCITY	02 461		01/1	# Q = 4171				PH
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Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

CTIN ID.	SHIP	LATITI	JDE	LONGITUDE	10	MAPSO	EN IE	STATIO	N TIME	TEAR	-	ORIGIN			DEPTH	MAX	Ι	WAVE ISERVATIONS		EA.	Crond	T	-	-	NUDC TATION	7
CODE NO	CODE		1/10	11/10	N DC	10*	1		r [HR 1/1		CRUISE	5	TATION UMBER		BOTTON		2.4	HC (FEE)	1 4	HER I	CODES				TATION	
318006	Ev	3654	N	06144 W		115 6	51 (01 19			A52	01			4992		33	111	_	6	0 3	-			0014	1
							WAT	ER	WIND	BAR	-	AIR TEA		Τ.	NO.		CIAL] - ,- ,	,		0.5				UU I -	
							OLOP	TEANS C	IR SPE	MET	ER	ORY IUL#	WET	COD	DEPTHS	OBSERV	ATIONS									
) [SD 0	6 51	-	_	11	100	7	2 B	-		-								
	MESSING				_	7		30 0	0 0 1	/ 23	1							1		-					_	_
	MESSENGE TIME HR 1/10	I NO.	CAR	E DEPTH	[m]	1.1	c	\$ *4	. \$1	GMA-T	SPECIFIC	VOLU	쌝충	2 2	SOI	UND OCITY	02 mi	POymP sq ratif	1014		NO ₇ =N			1 4 51	р∺	1
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	1	1	51	0 000	0	191	15	3622	۱ ,	593	00.2	0793		000	16	212										
	192	?	085			191		3622		03	002	017.	, ,	,,,,		212										
			51			191		3622		93	002	0829	9 00	20		214										
			085 51			191	15	3622 3622		593 593	000	0000				214										
	005		085			191		3622		93	0021	0865) () (41		216 2 1 6										
			5 T	D 0030		191		3622		93	002	0901	0.	62		217										
			085			191		3622		93					152	217										
			ST			191		3622		93	0020	0972	01	04	152											
			085 ST			191 191		3622 3622		93	002	106	0.1	57	152	220										
			OBS			191		3622		93	502	.002		. , ,	152											
			ST			191	5	3626		96	0020	0861	0.2	09	152											
			085			191		3626		96					152											
			ST OBS			192 192		3634		01	0020	3554	0.2	61	152											
			5 T			193		3640		02	0020	1492	0.3	12	152 152											
			085			193		36396		02	0021	V - 1 L	0.	12	152											
			5.1			195		3647		03	0020	0631	04	15	157											
			085 51	0200 D 0250		195 171		3646		03					152											
			085	0250		171		3606 36064		32	001	7919	0.5	11	151 151											
			ST			154		3584		55	0015	896	05	96	151											
			085	0300		154		35839	26	55					151											
			085	0330		147		35806		67					151											
			085 51	0340		148 135		35910 3566		71 81	0013		0.7	43	151											
			085	0400		135		35659		81	001.	,,,,	0 1	4)	151 151											
			085	0440		122		35447		90					150											
			085	0460		124		35556		94					150	74										
			571			117		3539		95	0012	2405	08	73	150											
			085 51	0500 0600		117		35389 3515		95	0011	1587	0.9	93	150											
			085	0600		102		35154		04	5011	. 702	0,	,,	150											
			51			081	3	3502	27	29	0009	174	10	97	149											
			085	0700		081		35024		29					149											
			5T 085	0 0800 0800		067 067		3497 34969		45 45	0007	1653	11	81	149											
			51			057		3493		56	0006	594	12	52	149											
			085	0900		057		34929		56	5.50	0		,,	148											
			51			050		3493		64	0005	812	13	14	148	76										
			085 511	1000		050 048		34934 3494			0000	E		٠.	148											
			085	1100		048		34939		67 67	0005	204	13	71	148											
			STI			045		3493		69	0005	381	14	26	148											
			085	1200		045	6	34934				-	-	-	148											
			510			044		3493	27		0005	309	14	79	149											
			085 \$10	1300 1400		044		34932 3493	27 27		0005	250	1 6	32	149											
			211				7	フサアラ	41	1 4	UUU2	1279	12	31	149	1.2										
			085	1400			9	34929	27	72					140											
			085 5T0 085	140 0 1500 1500		042		34929 3493	27 27		0005	244	15		149	12										

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

FERENCE ID.	SHIP	LATITU	DE L	DNGITUDE 58	MARSDEN	STATION IGMT	1 1	YEAR	CRUISE	3	TATION	\dashv	DEPTH	MAX. DEPTH OF		WAVE SEEVATIONS	WEA-	CODES	1	5	HDDC TATION
NO.	COOL		1/10	1/10 2	10" 1"	MD DAY	HR 1/10		NO.	_	*UMBER	_	SOTTON	S'MPL"	DR.	HGE PER SI	CDDE	TIPE AM	<u></u>		IUMBER
18006	Ev	3626	N O	6114 W	115 61	01 19	226	1967	A52	01	5		4938		06	5 2	X 6	013	1		0015
					WA	TER	WIND	BARC	· —	_	MP. TC	VIS	NO.	506	CIAL	1					
					COLDA	TEANS DIE	3711	755.00	. 0	RY ILB	WET	con	DEFTHS	DESERV	ATIONS						
					0.1	50 09	521	`	-	_	106	6	24	-		ł					
		1			101	30 09	1271	32	. 11		_	_	_	٠,		<u> </u>					1
	HESSENGE TIME	CAST	CARD	DEPTH Im:	1 10	\$ 14.	SIG	MA-T	SMCIFIC	volu	M	A. D.	SD	DEITY	0 3 ml/	PO4-P	101AL-P	NO2-N	ND3-H	\$1 Da~S	
	HE 1/10	NO.	1775						~~~~		* 1	103	AFF	uçiir		#g - d1/1	#8 - 41/1	µg - at/	νą - σι/ 1	иg - q1/	<u>'</u>
							1				- 1			- 1							
			STO	0000	1912	3615		89	0021	24	6 0	000		211							
	226		085	0000	1912	36149		89						211							
			STD	0010	1912	3615		89	0021	28	2 0	21		212							
			085	0010	1912	36149		89			_			212							
			STO	0020	1912	3615		89	0021	131	7 0	142		214							
	004		085	0020	1912	36149		89						214							
			510	0030	1912	3615		89	0021	35	3 00	63		215							
			085	0030	1912	36149		89						215							
			510	0050	1912	3615		89	0021	42	5 0	106		219							
			085	0050	1912	36149		89 89	0021	. 7		160		219 223							
			510 085	0075 0075	1912 1912	3615 36154		89	0021	- /	0 0	. 60		223							
			-	0100	1912	3615		89	0021	54	7 0	214		227							
			510 085	0100	1912	36154		89	0021	. 76	, 0	. , 4		227							
			510	0125	1912	3615		89	0021	69	2 0	268		231							
			085	0125	1912	36149		69	002		2 0.	. 00		231							
			510	0150	1906	3615		90	0021	63	4 0	3 2 2		233							
			085	0150	1906	36149		90	002					233							
			510	0200	1654	3595		3.7	0017	731	3 0	+19		166							
			085	0200	1654	35949	26	37					15	166							
			STD	0250	1492	3570		55	0019	70	5 0	502	15	121							
			085	0250	1492	35703	26	55					15	121							
			STO	0300	1369	3561	26	74	0014	00	0 0	576	15	088							
			085	0300	1369	35607	26	74					15	088							
			STO	0400	1163	3536	26	92	0012	41	2 0	708	15	039							
			085	0400	1183	35364	26	92					15	039							
			510	0500	0998	3516	2.7	10	0010	83	3 0	524		987							
			085	0500	0998	35159		10						987							
			510	0600	0807	3499		27	0009	15	8 0	924		930							
			085	0600	0807	34989		27						930							
			510	0700	0655	3495		46	000	36	4 1	007		887							
			085	0700	0655	34949		40						887							
			STO	0800	0568	3492		55	0006	48	2 1	76		869							
			085	0800	0568	34924		55						869							
			510	0900	0513	3493		63	0009	79	4 1	138		863							
			085	0900	0513	34934		63	000		, .	10:		663							
			510	1000	0484	3494		67	0005	000	0 1	194		868							
			085	1000	0484	34937 3494		70	0009		, ,	248		868 873							
			510	1100	0457 0457	3494		70	000:	163	٠ .	- 40		873							
			085 STD	1200	0457	34939		71	0005	116	7 1	300		883							
			085	1200	0439	34934		71	000:	113	, ,	- 00		883							
			510	1300	0439	3493		72	0009	17	2 1	352		895							
			085	1300	0429	34927		72	500.	- 1 1	_ 1	- 16		895							
			510	1400	0429	3493		73	000:	11	4 1	403		907							
			085	1400	0417	34927		73	500.	- 1 1				907							
			510	1500	0407	3492		74	0005	000	3 1	454		920							
			085	1500	0407	34924		74	500.		- *	_ ~		920							

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

CTRY IO.						- 4	MAR						T						MAX				_	_	-		_	_
	\$1H2 3000	LATITU		LON	GITUDE	NDC 18	SQU		SIA	IGMTI	ME	YEAP	CRI	DRIGIN	STATIC	_	-	DEPTH	DEPT	H DAS	WAVE SERVATION	S	WEA-	CLOU			NDDC STATION	
-			1/10		1/10	" Z	10*	1*	MO.	DAY	8,1/10		N	(0)	NUMB	E P	1	80110M	S'MPL		HGT PER	5 E A	CODE	TYPE A	u1		NUMBER	
318006	€v	3609	N	061	102 w l		115	61			27	1967	A.	52 01				4938		12	5 2		×2	0	3		0016	5
								COLOR	-	-	SPEED	BARO		AIR TE	MP T	-	VIS DDE	NO. D85	5.0	ECIAL VATIONS								
								CDDE	[A1]	DIK	POICE	tmbs	,	BULS	BUL		.006	CHTHS	DESEX	A # HDM 2								
								ÐΤ	50	14	\$22	30	1	107	15	0 6	6	24										
	MESSENGE TIME 0	CAST NO.	CARE		DEPTH IA	n I	1	℃	5	٠/	SIGA	T-AP		CIFIC VOLU	ME	₹ ∆ DIN	0 7	20 U		D2 m1/1	PO 4-P	10	074P	NO2-N	NO ₃ =h	5104-	u l	T.
	HR 1/10		1177						<u> </u>				411	OMALT-E	۰′	X 1	103	VELO	CITY	02 11171	≥g - e1-1		40 - 61 1	и р - 01	и р - a1/			8
									1		1	. 1																
	028		\$T 085		0000			980 980	364		250		00	02106	5	000	00	152										
	020		51		0010			980	364		250		0.0	02111	,	002	٠,	152										
			OBS		0010			980	36-		250		UL	15111	1	002	2 1	152 152										
			ST		0020			80	304		250		0.0	2114	7	004	. 2	152										
	003		085	_	0020			980	364		259		0.0	12114	,	00-	* 2	152										
			ST	0	0030			980	364		250		0.0	21184	4	JU 6	. 3	152										
			085		0030			80	364		259							152										
			ST	D	0050		19	80	364	0	259	0	00	21266	b 1	010	5	152										
			085		0050		19	80	364	04	259	0						152										
			ST	D	0075		15	182	364	1	259	0	00	21385	5 (115	9	152	45									
			085		0075			82	364	9.0	259							152	45									
			510)	0100			81	304	1	259		00	121440) (1 ء (.2	152	44									
			085		0100			81	304		259							152	49									
			\$10)	0125			61	364		259		00	21031	1 (126	5	152										
			085		0125			61	364		259							152										
			510)	0150			0.0	365		260		00	120191	. () > 1	. 7	152										
			085 ST0		0150			60	365		260						_	152										
			085	,	0200			72	365		262		00	18452	. () 4 1	. 3	152										
			510	,	0250			72 18	364		262							152										
			OBS	,	0250			18	304		263		UU	17590		150	4	152										
			STO	,	0300			38 Ta	364		263 264		00			6.0		152										
			085		0300			98	364		264		00	17276	,	59	1	152 152										
			510)	0400			38	363		264		Δn	16453		76		152										
			085		0400			38	363		264		00	10 132	,		-	152										
			STE)	0500			61	359		205		nο	16133		192	7	151										
			085		0500		15		359		265		00	1015.	,	,,,	,	151										
			STO)	0600			48	356		268		0.0	14.37	7 1	0.7	g	151										
			OBS		0600		13	48	350	29	268		-				_	151										
			STO)	0700		10	95	352	6	270	1	00	12230	1	- 1	1	150										
			085		0700		10	95	352	64	270							150										
			STD)	0400		08	40	35∪	2	272		00	09815	- 1	32	2	149	76									
			005		0800		0.8	4 D	350	19	272	5						149	7 h									
			STO)	0000		0.6		340		274	7	00	07543	1	40	8	149	18									
			OBS		0900		0.6		349		274							149	18									
			STO)	1000		05		349		276		00	06486	1	47	9	148	96									
			085		1000		0.5		349		276							148										
			STO	,	1100		04		349		276		00	05684	1	53	7	148										
			085		1100		04		349		276							148										
			\$10 085	,	1200		04		349		276		00	05620	1	59	4	148										
			STD	1	1300				349		276		0.0	06.10.3			0	148										
			OBS	,	1300		04		344		277		UÜ	05 142	1	04	Ÿ	149										
			510)	1400		04		340		277		00	05313	, ,	70	3	149										
			085		1400		04		349		277		00	02313	. 1	10	2	149										
			510	1	1500		04		344		277		00	05314	1	75		149										
			085		1500		04		349		277		00	U > > 1 4	1	, ,	.2	149										

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17-22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

BEFERENCE				. :	WAR	SDEN	STA	TIDN TI	ME I		_	ONIGIN	ATO	R'S	1	DEPTH	VA.		WA /5	Wfa.	Te,		N 00	
CTET ID.	CODE	LATITU		LDNGITUDE EN	500	ARE		(GM1)		YEAR			STAT			to NOTTON	DEFT		SEPVATIONS	*HER	, r _h		NUN	FIFE
CODE NO.			1/10	1/10	10"	1.	MO	DAY	R 1/10		N	_	NUN	4 B E W	+		S'MPL	+-	HGT FIR STA	-	1 1 1		+	
318006	Eν	3555	N (06044 W	115				175	1967		52 01		* T	- 4	755	<u> </u>	14	2 3	40	0 3		0.0	17
						COLOR	TRAN	+ -	THIC	MET		AIR TE	_		V15 O D I	0.65		ECIAL VATION!						
						CODE	im!	DIR	1010	1		BATE		JLO	٠	DEFTHS	0411-	7 - 110.4						
						DT	SD	16	524	25	1	163	1	83	t	24								
	MESSENGE	C+(1	CARD						T		591	CIFIC VOL	, M.I	1 2 0	, D	50	UND		FO.=P	10 tallak	50.0	201-4	5	1
	1981 c	NO	TYPE	DEPTH (m)	,	χ.	1 '	٠	SIG	M A - !	An	40 W * LE-#	107	DIN			OCITY	0.2 m	-0 D		va - 21	29 21 XX		9 H
	77.10	-		1	-				_							+			-				-	
		1	ST	0 0000	1	974	36	40	2.5	91	0	02048	3	001	0.0	15	231							
	0.76		085	0000	1	974	36	397	2.5	91						15	231							
			5 T I	0010	1	973	36	4 ^	25	9.2	01	02100	2	00.	21	15	232							
			085	0010	1	973	36	397		9.2							232							
			ST	0020	1	973	36	3.5		3.1	0	02105	7	0)	42		234							
	005		085	0020		973		394		91							234							
			ST			973		39		71	0	02165	, 9	00	A, 3		239							
			085	0030		973		394		91				0.7	- L		235							
			ST			972		40		92	0	02110	13	01	υ'n		234							
			085	0050		972		397		9.2	-	0.1117	0	01	c. u		238 242							
			ST			970 970		40 399		93	U	02114	, ,	01	10		242							
			OBS	0075							0	02102	, ,	0.2	1.0		243							
			ST			960		39		95	Ų,	02102	. 1	UŁ	1 3		243							
			085	01n0 0125		960 960		394 48		01	0	02049	7	0.2	6.2		248							
			ST:	0125		960		479		01	-	0204		0.2			248							
			STI			912		52		17	0	01910	15	0.3	12		240							
			OBS	0150		912		519		17	-	01.00			-		240							
			STI			848		50		32	0	01786	7	04	04	15	229							
			OBS	0200		848		490		3.2						15	229							
			ST			818		48		3.5	0	01746	3	04	93		229							
			085	0250	1	818	36	479	2.6	3.6						15	229							
			ST	0300	1	792	36	44	26	42	0	01729	5	05	79		229							
			OBS	0300	1	792	36	445		42							558							
			ST			734		32		47	0	0170	4	0.7	51		227							
			OBS	0400		734		324		4							227							
			ST			620		Ú7		54	0	01563		09	20		206							
			OBS	0500		620		064		5.4							206							
			ST			345		60		78	U	01439	15	1)	15		130							
			085	0600		345		599 25		7 A 10 6	0	01156	. 1	12	0.5		043							
			511			057		247		106	U	01106	2 1	1 -	,		043							
			085	0700		057 844		00		23	0	00998	2 2	13	1 3		978							
			STI	0800		844		J05		23	U	50.40	- 4-	• -	•		978							
			51			671		96		45	Ω	007H1	1	14	0.		927							
			085	0900		671		954		45	J	50		•			927							
			51			586		J2		61	0	00625	2.0	1+	73		910							
			OBS	1000		586		010		61				-			910							
			ST			539		0.2		66	0	00576	,4	15	33	14	809							
			OBS	1100	Ü	539	35	019	27	6h							800							
			51		0	476		97		70	0	00538	4	15	89		898							
			OBS	1200		476		969		70							898							
			ST			445		94		71	0	00530	9	16	42		902							
			OBS	1300		445		937		71							902							
			ST			428		94		73	0	00518	36	10	9,5		510							
			OBS	1400		428		937		73		0 - 5 / 5			. 7		912							
			ST			416		93		73	0	00517	7	17.	4/		923							
			OBS	1500	0	416	34	929	21	73						14	923							

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

ERENCE	SHIP		Ĩ		MARS	DEN	STATION TO	W.E		ORIGIN	A TOR'S		DEPTH	MA		WA	v E	WEA.	-	NODE
ID.	CODE	LA TITU	1/10	LONGITUDE 5	10, 20n		IGMT)		YEAR		TATION		TO MOTTOM	0.0			TIONS	THER	0.00	STATION
+	5				-	1	MO DAY HI	-		1				S'MP		_	PER SE	*	11-11 A - 1	-
18006	I EV I	3541	N I	06027 WI	115	50 NAT		20 1 IND	967	A52 01		_	4663		1 20	13	4	X 6	0 3	0018
						COLOR	TRANS DIF.	SPLED	BARC		WET	VIS	NO OBS	51	PECIAL EVATIONS					
						CODE	Imi DIF.	FC SC ((mbs	1 BULE	BULE	1000	DEFTHS	0130	valion:					
						DŤ	SU 26	526	240	194	189	4	4.3							
	MESSEN GR	CAST	CAR	DEPTH IMI		'c	5 *4.	SIGM		SHEIRE VOLU	Mt :	0 G 3	501	IND		P	0.4-2	TOTAL-P		N* j=N 4=3
	HR 1/10	NO I	TYP	DEPTH BMI		L	,	SIGM	A -1	ANOMALT-E	o. c	10 ⁰	VELO	CITY	02 ml	1,0		29 21	14.5	vg of parall per
					1		-						-		-	-				+
			5.7			5.66	3642	258	Q.	0021246	5 ' a	000	152	36						
	122		QBS			992	36424	258					152							
			5T 0B5	0010 0010		992	3642	258		002128	3 0	021	152							
			51			192	36424	258 258		002132		U ta .	152 152							
	003		085	0020		192	36424	258		0.72 1 7 2 .			152							
			SI			142	364.	25 B		002149.	3 0	063	152	41						
			085	0030		142	36418	258					152							
			ST QBS	D 0050 0050		192 192	36419	258 258		0021466	0	106	152							
			51			192	3642	258		0021558	8 0	160	152 152							
			085	0075		142	36419	258		202122	. 0		152							
			5 T		19	142	3642	258	8	002163	. 0	-14	152	52						
			085	2100		207	36421	258					152							
			5T 0BS	0 0125		146	36424	258		002165	1 0	268	152							
			51		19		3652	259		002080.	G	321	152 152							
			085	0150		180	36519	2591		002000.		1	152							
			5 T	0200		165	3649	262		001833.	. 0	419	152							
			085	0200		165	36442	262					152							
			STI			1.3	3644	2631		0017452	. 0	509	152							
			085 ST	0250 03n0		40	36464	2631		00171	,	596	152 152							
			085	0300		90	36429	264		0011.2		246	152							
			ST			38	3633	2041		0017153	0	166	152							
			OBS	0400		3.8	36329	2641					152							
			511			23	3604	265		001687	0	438	152							
			OBS STI	0500 0600		157	36044 3560	267		0014658		UQE.	152 151							
			085	0600		5.7	35596	2678		0014076	1 '	046	151							
			ST			113	3537	270.		001214.	1	. 30	150							
			085	0700	11	0.3	35296	270.	d.				150							
			STI			3.7	3504	272		000465	1	338	149							
			OBS	0800 0000		37	35039 3494	272		0007656	1	7 6	149							
			085	0900		50	34939	2746		0007676) 1	425	149							
			OBS	0950		85	34434	2754					149							
			085	DAPO	0 6	12	35024	275					149							
			51			C 4	3504	276		0006410	1	405	149							
			QB5 ST	1000		04 52	35037	2761		A	,		149							
			085	1100		52	3502 35024	276		0005913) 1	557	149							
			ST			0.8	3500	276		000557	1	614	149							
			085	1200		0.8	35003	276					149							
			STI			87	349H	277		0065533	1	670	149							
			085	1300	04		34984	2770					149							
			085	1340	04		34947 3495	277		0005237	, 1	724	149							
			085	1400	04		34954	277		000 -231	1	124	149							
	137		085	T1466	64		34901	2769					149		SPE					
			STO		0.4		3496	2773	3	0005326	1	77F	149	30	5 H =					
			085	1500	04		34 764	2773		00.7			149							
	137		510 0B5	1750 1965	04		3492 34914	2779		00115241	1	4∪8	149		671					
	(510		03		3492	2778		0005030		37	149		614					
	137		OBS	2259	0.4		34938	2782	2				150		61,					
			STO	2500	0.3	22	3495	2780	ĥ	00045.)	d.	. 76	150	54	6.1.1					
	137		085	12977	0.2		34966	2789					151		6-1 h					
	137		518 085	3501	0.2		3497 34968	2790		UN34116	2 4	40]	151		h14					
	137		085	13980 13980	0.5		35	2790					1 5 1	44	674					
			203	. ,	~ ~				*						0.14					

Table 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE CIRT ID	SHIP	LATITU	DE	LONGITU	DI 10		ISDEN	STA	(ON T	ME	E A F	ORIGIN CRUISE S	A TOP'S		DEFTH TO	MA1 DEPTH		WAVE LEPLATIONS	A LA	-			NODC I	
C006 NO	CODE		E 10		1/10 0 2	10"	1 1-	MOT	DAY H				EU M BU		MOTTON	STARTS	Dill	HOTHING S	1000	F TITE			HI I SA BER	
21220	6.4	2 . 2 2		0.111		115	1,1	01	21	110 10	2 - 7	A52 01	0		4210		01	3 21	+1	8 3	1	+	0019	
318000	SIEV I	3432	Ni +	06133	A 1	1112	41 WA			VIND		A IR TE I		T	NO NO	L		12121	1 - 1	0.,			00.7	
							COLOP	TEAMS	DIR	39110	MET		WET	V/5	CBS	DRSER V								
							CDDE	Imi	UIK	JOICE	(m)	n BULB	BULB		CEPTHS									
									35	525	28	4 172	139	7	16									
	MESSING	CALL	CAR				-		-			SMECIFIC VOLU	M.I	EΔO	sou	ND		PO4=P	101A;-	NO:-N	NC -	1~5	1	5
	HR 1/10	NO.	Tip		PTH (m)	-	, ,C	,		SIGMA	-1	ANOMAJERI		x 103			02 ml 1	14 11	1.3	14 31	- 19	4.4 - 31	pH	S
	PER 1770	+		_		+		+-		+			_		_				-	-		_	1	+
			ST	0 0	000	,	923	36.	2.4	2591		002021	3 (000	152	116							,	()
	0.18		OBS		000		923		329	2590		002021	,	000	152									
	018		085		008		923		326	2599					152									
	016	,	5.1		013		924	36		2599		002028	5 0	u2.										
			5 T		020		926	36		2590		002035		040										
	018	2	OBS		021		926		324	2599		0			152									
	016	,	5.1		030		926	36		2599		002033.	0 0	060										
	018	1	OBS		042		927		350	2600		0020			152									
	0.0	•	51		050		930	36	3.5	2599	y	002040	3 (101	152	26								
	018	4	OBS		063		934	36	360	2599	g.				152	29								
		,	ST		075		936	36		2599	9	002047	4 (152	152	32								
	018	1	OBS		0 A 3		937		379	2600	0				152									
			5 T		100		937	36	39	2600		002049	4 (204	152	3.7								
	018	3	085	. 0	124	1	936	36	397	260	l				152	40								
			5 T	0 0	125	1	936	36	40	260.	2	002046	6 (455	152	41								
			S.T	0 0	150	1	939	36	4.7	2600	5	002012	3 0	305	152	46								
	016	3	OBS	т о	163	1	940	36	479	260	7				152	49								
			5.1	0 0	200	1	778	36	3.0	2634	4	001761	2 0	400										
	018	3	OBS	. 0	242	1	634	36	125	265	5				151									
			ST	0 0	250	1	617	36		265	7	001557		483										
			ST	D 0	300	1	515	35		266	7	001472	2 (559										
	018	3	OBS		313		490		988	2670					151									
			5.1		400		355	35		2681		001322	7 0	698										
	016	3	085		444		25B		599	5006					150									
			5.1		500		07B	35		2716		001058	4 (816										
	0.29		085		531		010		329	272					149									
	018	3	OBS	10	565		962		225	272					149									
			5.7	0 0	600		892	35		272		000927	4 (914										
	029	>	OBS		677		759		350	2739					149									
			5 T		700		724	35		274		000767		998										
			5.1		800		602	35		275		000633	8 1	068										
	0.29	>	OBS		B 2 9		576	34	996	2760	0				148	178								
			ST		900		561																	
			51		000		1540																	
	029	,	OBS	11	059	C	527	35	32Q	279.	2 Û													

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP					MAI	SDEN		STATION	IME		-		ORIGIN A	A TO 8"5		DEPTH		PAE EPTH		w	AVE	_	WEA-	CLO	u D		_	-	NOOR	
C141 ID.	COOE	LATITU		FONGITUO	10.5		JARE	L	IGMT		TEAS	*	CEUISE		MATION		01108		OF	L .		VATION		1HE#	CO	DES			-	STATIC	N
1			1/10		10	10	1"	-	DAT				_			-		+,,,	M.PL'S	Di	_	ST PIN	564		reij		-		-	-	-
318006	I V3	3350	N I	06229	wi	115		O I		108 wino	196	_	A52	O 2 C			4334	4		3	6 3	2		X1	0	3				004	0
							COLO	-		SPEE		A RO		BY TEN	WET	VIS	NO. 085	0.	SPEC	IAL											
							CODE		OIR.	FOR		mbsi		JL B	BULB	-	DEPTH	S	36,00	- 110	.,										
							DT	1	D 07	51e	3	08	1	72	144	6	26														
	MESSINGE TIME	CAST	CAI	0		Τ.		Ť		1			SMCIFIC	AQI'II	41 \$	∆ D N M	50	DUNC	.	_		FO ₄ =1	Ι,	0144-7	NO3-		401~	N C	114-		
	TIME HR 1/10	NO.	TYP	E DEFT	H Imi	'	Ψ.		5 *4.	210	- A - T		ANOM	4 (7-410	, 0	101	VE	LOCH	Y	074	121	y g + 41		9 011	ug - 0		9 0		. g . g1		н
	1							Ť													\neg					\top		\top		-	
	,	,	´ 51	o 00	0.0	2	042	. 3	3650	25	81	1	002	1962	. 0	000	1 5	525	0		1					,					
	108	9	089				042		6500		81							525													
			51				042		3650		81		002	1999	0	122		525													
			085				042 042		86500 8650		81		002.	2027) 44		525													
	005		085				042		6500		91		002	. 0 3 1	0.	<i>,</i>		525													
	•		51				042		650		81		002	2074	00	166		325													
			085				042		6500	25	81						1.5	25	5												
			ST				044		650		81		002	194	0	10		25													
			085				044		6500		81		002	215	0.1	66		25													
			085				045		6500		80		0024	212	0	06		26													
			5.1				345		650		80		0022	408	0.4	21		26													
			085				045		6500		80						15	26	7												
			ST				045		650		80		0022	501	0.2	78		27.													
			085 51				045 045		6500		80		0022	1601	0.5	34		27													
			085				045		6500		80		0024	744	υ.	74		27													
			51				045		664		91		0021	750	04	45		280													
			085	0.2	0.0	21	045	3	6643	25	91						1.5	286	6												
			ST				892		661		29		0018	310	0.5	45		25													
			085	02			892		6610		29							25													
			5T 085				864 864		657		33		0018	1052	0.6	36		25													
			51				818		651		40		0017	728	0.6	15		25													
			085	04			818		6513		40							25													
			5 T				762		645		49		001	194	0 9	89		25													
			085	05			762		6448		49							25													
			5T 0B5	D 061			579 579		626 6259		55		0016	924	1.1	60		24													
			51				487		588		70		0015	646	1.3	23		196													
			085	071			487		5880	26				-				196													
			5 T	0 08	30	1.	270	3	558		92		0013	508	1 4	69	15	13	7												
			085	081			270		5584		92							13													
			51	D 091			913		504		15		0011	.082	1 5	92		020													
			085	091			583		5037 4895		15 38							1021													
			0B5	091			726		5055	27								96.													
			ST				575		502		49		0007	535	16	85		946													
			085	10		0 6	575		5025	27	49						14	940	5												
			ST				577		502		62		0006	249	1.7	54		92													
			085	110 n 120			577 510		5025 502	27			000		1	11.7		92													
			51 085	0 120 120			510		5 U 18	27			0005	→ 5 5	7.0	12		91.													
			51				480		501	27			000:	248	16	66		91													
			085	130			80	3	5010	27								91													
			ST				463		502	2.7			0.005	010	19	17		92													
			085	140			463		5025	27								92													
			51				432		502	27			0004	750	19	66		93													
			085	150	10	0.4	432	3	5017	27	14						14	93	li .												

Table I. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	1				-	* M	ARSDEN	STATIO	ON TH	u F			ORIGIN	ATOR'S		DEPT	H MAS	1	WAY		WEA-	CLOUD			N000
C144 ID	CODE	LATITU	1DE	LONGITUD	E S	8 5	QUARE	IG	MT)		YEAR	CRUIS	E 1	TATION	_	10	1000	1 9	DRSERVAT	TIONS	THER	CODES			STATION NUMBER
CODE NO.	CODE	·	1/16		/10	¥ 10	3.	MO D	AY H	1,1/10		NO	-	NU AF SEP		80110	S'MPL	2 04	HG* F	19 51 4	CODE	119 44	1	-	MONREE
318006	EV	3318	N	06332	w	11	5 33	01 2	1 1	72	1967	A5	2 02	1		457	2	0	9 3 2	2	×1	03	1	1	0021
310000		2210	.,	00772			WA		w	IN D	BAR		AIR TE		VIS	NO.	SPE	CIAL							
							COLOR	TRANS.	DIAL	1410	1	*	DAY	WET	COD	DEPTE	OBTERS	VATION	5						
							-	++	-	POPC	-			_	+	+			-						
		-	,	-			OT	50	10	510	31	5 6	200	183	4	24			4				_		-
	MISSINGE	CAST	CAR		TH (m)		1 %	s .	۷.	SIG	WA-T		C VOLL	. I O	AN. M		OUNO	02 #			0141-		NO3=N	SLOsm	
	H₽ 1/10	I	TYP											•	x 103	·	FFOCIEA		+ 2		> G · 07	n9 - ≡1	ид - 01/1	≥ g - d1	"
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			51	0 0	000		2035	364	9	25	8.2	00	2187	1 0	000	-	5248								
	173		089	. 01	000		2035	364		25							5248								
			5 T		010		2033	364		25		00	2183	6 0	021		5249								
			089		010		2033	364		25				2 0	0.13		5249								
			ST		020		2033	364		25		00.	2187	3 0	043		5251 5251								
	005		089		020		2033	364		25		0.0	2188	/. O	065		5253								
			51	-	330		2033	364 364		25 25		00.	100	4 0	00)		5253								
			Q89 ST		30		2033	365		25		00	2192	2 0	109		5256								
			085		350		2033	364		25		00					5256								
			5.1		75		2036	365		25		00.	2209	7 0	164	. 1	5261								
			085		75		2036	364	99	25	8.3					1	5261								
			5.1		100		2036	365	0	25	83	00.	2219	0 0	419	1	5265								
			OBS		001		2036	364	99	25	83						5265								
			51	0 0	125		2036	365		25		00.	2227	4 0	£ 75		5269								
			0.85		125		2036	365		25							5269								
			\$ T		150		2035	365			85	00.	2219	4 0	330		5273								
			089		150		2035	365		25			2050				5273 5273								
			51		200		1998	366			04	0.0	2050	0 0	437		5273								
			085		200		1998	366 366			28	0.0	1838		534		5252								
			51		250			366			28	00	1020	-	,,,,		5252								
			085		250 300		1848	365			38	0.0	1763	1 0	624		5247								
			085		300		1848	365			38	~ ~	1.00		-		5247								
			51		400		1811	365			45	0.0	1725	6 0	799	1	5252								
			089		400		1811	365			45					1	5252								
			51		000		1752	364	3	26	51	00	1705	2 0	970		5250								
			089	. 0	500		1752	364		26							5250								
			ST		500		1661	362			59	0.0	1654	9 }	138		5237								
			089		600		1661	362			59						5237								
			51		700		1440	358			75	0.0	1507	5 1	-97		5180 5180								
			085		700		1440	358 353			75 06	0.0	1201	a 1	432		50.75								
			51		B 0 0		1100	353			06	0.0	ISOI	- 1	.) 2		5075								
			085		900		0863	351			30	0.0	0954	1 1	540		5003								
			089		300		0863	351			30	00	0 1 2 4	1 1	- 40		5003								
			51		000		0707	350			47	0.0	0785	3 1	627		4959								
			089		000		0707	350			47						4959								
			51		100		0575	350			62	00	0626	1 1	691	7 1	4923								
			089		100		0575	350	20		62						4923								
			51		200		0508	350			7.2	00	0529	7 1	755		4912								
			089		200		0508	35∪			7.2						4912								
			51		300		0487	350			75	0.0	0508	4 1	807		4921								
			089		300		0487	350			75	0.0	31.01	, ,	u c -		4921								
			51		400		0467	350			78	UU	0486	4 1	857		4929								
			083		400 500		0445	350 350			78	n.a	0472	0 1	905		4937								
			S1 083		500		0446	350			80	00	- m 12	J 1			4937								
			000	, 1	200		0440	,,,,	•	۷.	00					-									

Table 1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 17–22 January 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP	LATITUDE		NGITUDE	100	A # R 5 D 5 N 5 D U A 9 E	IT MOITATE	16 ▲ P			109'5 ATION JANSI #		DEPTH TO BOTTOM	DEPTH OF STUPLY		WAVE SERVATIONS THOTERS' 11	THER CIDE	71 4		11	ATTN CNSER	
318006	ΕV	32430N		4330W	-		01 22 0	05 196	7 A52	022		\Box	1646 NO		09	3 2	* 1	8 6		-	0022	
						COLOR	-	SPEED MI	TER I	DRY	W E ?	CODE	250	OBSER.	ATIONS							
							15	512 3	01 1	83	161	17	14									_
	MESSENGE TIME MR 1/10	CASI C	ARD	DEPTH I		7.7	5 *4.	SIG M A -T		A POLUM	, D	A D		UND OCITY	02 m1	PO.=P	1014.=F	NO yets	NO3-4	2-e-1 10-y-	pH.	100
					,								١									
			STO	0000)	1994	3652	2595	005	0612	0	U00		238	500							
	013	01	3.5	0000		1994	36518	2595						238	500							
	013	01	3 S	0000		1994	36518	2595				0.00		239	516							
			SID	0010		1994	3652	2595		0649	-	020		239 241	516							
			STD	0020		1994	3652	2595	0.0.2	0704	0	041		241	516							
	013		85	0020		1994	36516	2595	000	0705		062		244	515							
			STO	0030		1993	3652 36520	2596 2596	002	0700		002		244	514							
	013		BS	004		1993	3652	2596	00.7	0769		103		246	513							
			STD	0050		1993	36520	2595	902	0.0.				248	512							
	013		BS	006		1995	3652	2595	00.2	0907	, ,	155		250	514							
			STD	007		1995	36516	2595	002	0,01				251	515							
	013		B5	008		1972	3658	2605	00.2	0019	2 0	206		249	513							
			STD	012		1932	3662	2619		8802		255		242	511							
			STD BS	012		1932	36617	2619	001	0000				242	511							
	013		5 T D	015		1875	3658	2631	0.01	7770		301		230	470							
	0.1.7		BS	T0170		1839	36555	2638	001					223	457							
	013		51D	020		1818	3654	2643	0.01	6821		387	15	221	468							
			STD	025		1788	3652	2648		6452		470	15	221	478							
	013		B 5	026		1782	36513	2649					15	221	474							
	01:		STD	0300		1772	3649	2650	001	6454		552	15	224	475							
	013		BS	036		1743	36440	2653					15	225	467							
	01.		STD	040		-	3642								463							
			STO	050			3631								447							
	0.13		85	054			36229								438							
	0.1		STO	060			3604								417	•						
			STD	070			3573								388	ļ.						
	013		BS	073		1282	35636	2694						131	38.							
	V 1 .		STD	080		1090	3540	2713						073	377							
			STO	000		0863	3516	2733						003	371							
	011		BS	092		0818	35124	2736					14	000	36							
		, ,	STD	100		0702	3510	2752					1 4	958	39							
			STD	110		0509	3507	2762						937	46							
	01	3 0	BS	7111		0599	35066	2763					14	936	478	3						

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.

ID.	SHIP	LATIT		LONGITUDE 100	MARSDEN SQUARE	STATION THE	YE AR		OR'S TION MBER	DEPTH TO BOTTOM	DEPTH OF S'MPL		WAYE ER.ATIONS	WEA-	CLOUC		5	NOOC TATION
+	-		1/10	1/10		MO DAY H		+			, u.r.	_	b 3	K 1	0 3	-		0019
8028	IRC	3514	3N C	060192w	115 50	11 17 0		A53 001		4407 NO			0 3	K1	0 3			0019
					COLO#	TRANS DIR.	IAI	ER DIT	WET COD		SPE OBSERV	CIAL						
					COOE		FORCE IMI		OF#	DEFINS								
					DT	50 34	517 18	1 157 1	34 7	39								,
	MISSING	CAST	CAPD	DEPTH IMI	1 %	5 %.	SIGMA-T	SPECIFIC VOLUME	\$ △ □ DYN M x 10 ³	sou		D2 m1/1		10141-5	NG2-N	NO ₃ -N	St 0 4-5	
	HB 1/1	, ND	1198					ANOMALT-EIO'	x 103	AFLO	CHTY		µg = 91/1	и ц — 8771	yg - α1′	µg ∧ p1	μg - 01,11	-
													1 1	-				
	•		STO		2267	3637	2509	0028864	0000	153								
	0.7	6	085	0000	2267	36368	2509		20.20	153								
			516 085	0010	2268	3637 36371	2508 2508	0028903	0028	153 153								
			510		2268 2268	3637	2508	0028960	0057	153								
	00	7	085	2020	2268	36369	2508	0020100		153	11							
			510		2269	3637	2508	0029018	0086	153								
			OBS	0030	2269	36370	2508			153								
			STO		2267	3637	2508	0029069	0144	153								
			085	0050	2267	36367 36375	2508 2510			153 153								
			085 5 7 0	0069	2264 2240	3642	2520	0028013	0416	153								
			085	0075	2240	36424	2520			153	13							
			OBS	0080	2129	36435	2552			152	86							
			STE		2009	3660	2597	0020793	0477	152								
			085	0100	2009	36596	2597	******	033	152								
			ST0	0125	1919 1919	3659 36594	2621 2621	0018646	0326	152 152								
			085	0130	1884	36586	2629			152								
			STO		1871	3659	2633	0017606	0371	152								
			085	0150	1871	36587	2633			152								
			510		1827	3654	2640	0017085	0458	152								
			085	0200	1827	36537	2640		05.4.5	152								
			510	0250	1783 1783	3651 36509	2649 2649	0016405	0542	152 152								
			085 510		1760	3647	2652	0016277	0624	152								
			085	0300	1760	36475	2652	00102		152								
			085	0350	1729	36422	2655			152	19							
			STE		1683	3632	2658	0015948	0785									
			085	0400	1683	36318	2658			152								
			085 085	0448 0468	1609 1511	36205 36023	2667 2675			151 151								
			STE		1449	3591	2681	0013987	0934	151								
			085	0500	1449	35915	2681			151	51							
			085	0520	1406	35855	2685			151								
			STI		1313	3569	2692	0013063	1070									
			085	0600	1313	35693 3544	2692	0012115	1196	151 150								
			51(085	0700	1157 1157	35438	2703 2703	0012115	1140	150								
			085	0750	1077	35340	2710			150								
			510		0877	3514	2729	0009511	1304	149	92							
			085	0800	0877	35144	2729			149								
			OBS	0818	0811	35056	2732			149								
			085	0860	0739	35030 34861	2741 2743			149								
			08S ST(0880 0090	0629 0639	34861	2746	0007589	1389									
			085	0900	0639	34926	2746	QQQ1307	0 -	149								
			085	0903	0649	34946	2747			149								
			085	0919	0649	35006	2751			149								
			085	0933	0609	34973	2754	00010-3	1467	149								
			5T0	1000	0549 0549	3500 35004	2764 2764	0005887	1457	146								
			085	1022	0525	34997	2766			146								
			511		0495	3501	2771	0005219	1512									
			085	1100	0495	35011	2771			148								
			S T (0468	3502	2775	0004938	1>63									
			OBS	1200	0468	35016 3499	2775	0004827	1612	148								
			STI 085	0 1300 1300	0440	3499	2776 2776	0004827	1012	140								
				1 7/10	U44U	24774												
					0422	3500	2778	0004673	1659	149	910							
			STI		0422 0422	3500 34996	2778 2778	0004673	1659	149								
			ST	1400 1400				0004673	1706	149	910 921							

TABLE II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

STATION STAT					3	31-802	8.—Co	ntinue	ed						
The column The	CTEY ID. CODE		LONGITUDE	MARSDEN SANUOZ SANUOZ			C#UISE SI	ATION	TD	DEPTH	OBSERVATIONS	THEP	L FOEL		NCDC STATION
Table 1 1 1 1 1 1 1 1 1			17.10	10									1111		
Part			, ,	WA	TER V	IPIED ME	RD- AIR TEN	1° °C	ND.	SPECIAL		1 ^ 1	00		00201
March Marc					+	COUCE (m	bal BULB		DEPTHS	OBSERVATIO	IN S				
March	MESSEN	GE CAST C	ARD DIAM		1	1		1	+	ND.	1				
10	HR 1/	10 T NO 1	YPE DEFIN ON		7 .4"	SIG M.AT	ANOMALT-ETE	1 103	VELO				ve of	78 O'	g 61
10	07	.e 0E	35 1050	0513	34996	2768			148	8.7	'				1
SID 2000 396 3477 7266 7274 1001 10		'6 0E	IS 11630	0330	34973	2780			149	33					
STO 2500 2510 2500 2510 2500 2510 2500 2510 2		9	1D 2000	0363	3497	2783			149	85					
STO ADDITION ADD	0.7	5	0065 01	0319											
1802 18 18 18 18 18 18 18 1	0.7														
Minest M	0.7								151	77					
The color The	0.7														
The color The															
1802 18	EFERENCE			MARSDEN	STATION TIM	LE	ORIGINAT	OR'S	DESTH		WAVE	Twee	CIRHO		
1802 1802 1804 1804 1805	ID. CODE		LONGITUDE 5	SQUARE			CRUISE STA	TIÓN	10	01	2M CIT A VESZEC	THEF	COOLS		STATION
	318028 RC			115 50 1	1 17 1	35 1967	A53 002	4				+ +			-
The color The				COLOR	TRANS	SPITO MET	EP DRY			SPECIAL					
130				CODE	Im!	FOECE Imb	al BULB (\rightarrow						
135	MESSENGI	CASI CA					SPICIFIC VOLUME	+	SOUN	D 0		0141-01	NO ₂ -N N	(O ₃ =N) SI	05
135	HR 1/10	NO IT	PE	-			ANDMAL*-110*	1 103	VELOC	171 07	VQ - 01*1		vg - Bt) y	g 01 ×9	
STD		S.	10 0000	2247	3626	2506	0029127	0000	1530)1					1
085 010 22-7 38258 2506 0029159 0058 15304 15304 15305 0020 22-8 3627 2507 002916. 0087 15306 0050 22-8 3627 2507 002916. 0087 15306 0050 22-8 3627 2507 002916. 0087 15306 0050 22-8 3627 2507 002916. 0087 15306 0050 22-8 3627 2507 0029231 0144 15311 0050 0050 22-8 3627 2507 0029231 0144 15311 0050 0050 22-8 3627 2507 0029231 0145 15311 0050 0050 22-8 3627 2507 0029231 0145 15311 0050 0050 22-8 3627 2507 0029231 0145 15311 0050 0050 02-8 3627 2507 0029231 0145 15311 0050 0050 02-8 3627 2507 0029231 0145 15311 0050 0050 02-8 3627 0050 0075 2117 3645 2552 0029031 0213 15267 0050 0075 2117 3645 2552 0029031 0213 15267 0050 0075 2117 3645 2552 0029031 0213 15267 0050 0075 2117 3645 2552 0019775 025 15267 0050 0075 15267 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0075 0050 0	135					2506	0029148	00.29							
003 0b5 0070 22-46 36276 2507 002916. 0087 15306		085	0010	2247	36258	2506			1530	2					
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STD		OB9	0300	1747	36454	2653			1521	. 7					
OBS		9.1	D 0400	1603	3617	2665	0015225	0770							
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10		089	36 76	0902	35176	2727			1497	4					
STD				0769	3507		0008163	1112							
085							0005365	1184							
STD		089	00.80	0582	34965	2757	0000363	1+04	1487	5					
UBS 0900 0511 34995 2768 14863 0BS 0949 0488 34982 2776 14860 5TD 1500 0474 3501 2773 0004844 1293 14865 0BS 1100 0474 35010 2773 14865 5TD 1100 0448 34992 2775 14876 0BS 1110 0448 34992 2775 14876 0BS 1100 0448 34992 2775 14876 5TD 1100 0438 3500 2778 0004566 1288 14881 0BS 1200 0433 35004 2778 14881 0BS 1200 0409 34977 2778 14886 5TD 1500 0409 34977 2778 0004556 14887 0BS 1440 0438 3497 2778 14887 0BS 1450 0439 34977 2778 14886 5TD 1500 0409 34977 2778 16887 5TD 1500 0409 34977 2778 16887 0BS 1450 0438 34977 2778 16887 5TD 1500 0409 34977 2778 16887 0BS 1450 0438 34977 2778 16887							0005417	1443							
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036							0004744	1341							
120		0.84	1170	0448	34992	2775			1497	0					
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08: 14:0 04)9 34974 2778 14887 510 14:00 6398 34:97 2779 0004550 14:79 14900 085 14:00 63:98 34:97; 2774 14:00 510 15:00 03:90 34:97 2779 00:4558 15:25 14:913		081	1290	0410	34977	2778			1488	6					
510 1490 0398 3447 2779 2004550 1479 Î4000 085 1490 0398 34477 2779 510 1590 0390 3497 2779 0014558 1525 14913							U004573	1434							
51D 1500 0390 3477 2779 00H4558 1525 14913		SI	J 1400	0308	3497	2779	0004550	1479	1490	0					
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		OB s	1500	0390	34967	2774			1491	3					

Table H. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

MAINENCE			1		# NA.	RSDEN	STATIO	N TIME	1	DI	IGINA!	p#15	0.	PTH	MAX	T	WAVE	WEA-	CLOUD		Τ.	100C
CTen ID.	CODE	LATITUE		LONGITUDE	8 20	UARE	ıG	MT)	YEAR	CRUISE	STA	ION	1 1	0	DEPTH	017	ERVATIONS	THER	CODES		1.2	ATION UMBER
LOCK NO	-		1/10	1/16	10"		40 D.	MR, 1/1		NO	NU	ABER	101	10.00	S'MPL'	+	HGT #11 584	'	1192 4.01		-+-	
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						COLDE	-	172	ED MET		TEMP	VET CO	N 0	85 ,	SPE	CIAL						
						CODE	181	DIR. 0	Ct (mb	ai Bul		ui.	DEF	THS.		110141						
						0.1	SD	1 50	8 20	0 16	8 1	56 7	3	1								
	MESSENGE	CAST	CAR	D DEPTH IM		1 %	ς.	, ,	GMA-T	SPECIFIC		S A	2	SOUP		02 ml/i	PD 4-P	TOTAL-P	ND;-N	NC3+N	5104-51	ен
	HR 1/10	NO.	TYP	t Strin im	'	, .	1	,	0	ANOMA	7-1107	X 10	1	VELDO	CITY	07.001	PB - 81 I	μg = 0711	49 - 01	⊌g 01/1	υg + σt/1	971
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			51			283	363		506	0029	136	000		153								
	177		085			283	363 364		506 505	0029	7 2	002		153 153								
			OB:			287	363		505	0024	240	002		153								
			51			2287	364		505	0029	242	005		153								
	0.02		OB5			287	364		505					153								
			51			2286	364		506	0029	254	008		153								
			085			286	364		506 509	0029	400	014		153 153								
			OBS			2281	364		509	0112	-00	014		153								
			ST	0 0075	-	274	364	5 2	513	0028	723	021	8	153	22							
			OBS			274	364		513					153								
			0 B 9			275	364 365		513 584	0022	0.1.1	028		153 152								
			OB S			2051	365		584	0022	011	020		152								
			ST			1945	365		514	0019	320	033		152								
			089			945	365		014					152								
			51			890	365		626	0018	224	038		152								
			089			1890 1847	365 365		626 637	0017	370	046		152								
			089			1847	365		637	001	270	0.0		152								
			5.1	D 0250	1	1807	305	3 2	544	0016	855	055		152								
			OBS			1807	365		644			04.3		152								
			083			1774 1774	364		650 650	0016	464	063		152 152								
			51			1943	363		658	0016	030	000		152								
			089			1699	363		658					152								
			⊃B 9			1599	361		669					151								
			51			470	359		677	0014	319	0.45		151								
			OB 5			1470 1122	359 354		677 708	0011	366	158		151								
			OBS			1122	354		708	0011		100		150								
			089	0610		CRG	353		712					150								
			OPS			1040	353		714					150								
			51 089)857)857	351 351		730 730	0009	226	118		149								
			51			0637	349		751	0006	971	146		148								
			OBS			0637	349		751	00.				148								
			0B9			0579	349		757					148								
			51			0523	349		764	0005	699	132		148								
			069 089			0523 0507	349		764 766					148								
			OBS			3519	349		767					148								
			51		(0481	349		770	0005	171	138		148								
			0B	1000		0481	349		770					148								
			51			2457	349		774	0004	ROI	1 4 3		148 148								
			OBS			0457 0439	349		776	0004	74/	1+8		148								
			089			3439	349		776	00				148								
			5.	ru 1390		041+	349	8 2	777	0004	665	152	7	148	92							
			0.83			0419	340		777	005				148								
			099			0407 0417	349		778 778	0004	03.	157		149								
									779													
			< .	rc 1500	(3395	347	1 2	1/4	0004	002	162	0	149	コン							

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

FERENCE	SHIP			-	MARSOEN	STATION	TIME			NATORS		DEPTH	MAK		WAVE	W. E.A	CLOUC			NODC
IT ID.	C008	LATITE	1/10 L	ONGITUOE 2	10° 1°	MO DAY		YEAR	CRUISE NO	STATION NUMBE		07 M0110#	OF S'MPL'S		HGT PER SE	THER	CODES			STATION
18028	RC	3623		51135a				1967	A53 00			4704	7 411 ()	02	* * * * * * * * * * * * * * * * * * * *	×1	0 3	+	_	0023
10020		502.	0.4	2 + 1 N	WA	150	WIND	BARG	AIR TI	MP. C	vis	NO.	SPEC]	1 81	0)			0022
					C0108	TEAMS DI	57110 01	4.6.1		WET	000	OBS DEPTHS	OFSERV	ATIONS						
					DT	50 02		19	2 163	143		39	_							
	MISSINGE	CAST	CARD	DEPTH IMI	1 7	5 .4.	1		SPECIFIC VOL	UME	5, 2 °	500	IND		. PO4-P	1014	NO:-N	NOj=N		
	HR 1/10	NO	1796	DEFIN IN	1	,	3167	V.A?	440MALT-1	10" 1	3 10 ³	VELO	CITT	02 ml	19 7 81	₩ 9 - 31	₩g - 01	. 6 - 01	ν _h 31	21 EH
	208		STD OBS	0000	2283	3640	250 250	06	002906	3 0	W 00	151 151								
	208		510	0010	2283	3640	250	16 16	002910	. c	629									
			085	0010	2284	36405	250	06				153								
	002		STD	0020	2284 2284	3641	250		002913	4 0	U 5 8	153 153								
	002		\$TD	0030	2284	3641	250		002916	3 0	087	153								
			085	0030	2284	36407						153								
			STD	0050	2285 2285	36409	250)6)6	002926	0 0	145	153 153								
			STO	0075	2287	3642	250	6	002935	4 0	219									
			085 085	0075 0088	2287 2288	36416						153								
			085	0098	2288	36451						153								
			SID	0100	2209	3651	25	3.5	002668	4 0	د 89	153	10							
			085 5 T D	0100	2209 2039	36506	25°		202140		340	153								
			085	0125	2039	3663 36631			002140	6 0	244	152 152								
			STD	0150	1934	3654	26		001948	L 0	4 00	152	46							
			0B5 51D	0150	1934 1867	36543 3657	261 261		001784	5 0	493	152 152								
			085	0200	1867	36566			001704	, ,		152								
			STD	0250	1828	3653	26		001734	1 0	581									
			085 085	0250 0263	1828 1808	36529 36530						152								
			085	0287	1795	36476						152								
			STD	0300	1787	3649	264		001683	9 0	667	152								
			085 085	0322	1787 1789	36486						152								
			STD	0400	1739	3643	26!		001644	1 0	033	153								
			CB5	0400	1739	36430						152								
			OBS STD	0458 3500	1682 1567	3605	269		001560	a a	993	152 151								
			085	0500	1567	36046	266		001500			151								
			085	05:0	1489	35916						151								
			055 085	0540	1450	35944						151								
			085	0588	1349	35751	268	3 9				151	31							
			STD	060 0	1332 1332	3572	269		7:1325	+ 1	137	151								
			510	0700	1178	3536	27		001122	s 1	46	151 150								
			085	. 776	1078	35359						15								
			51D 085	0600 0800	0849 U849	3513 35128	27:		000918	. 1	362	14:								
			STD	3400	0639	3500	27		01/1707	· 1	443	144								
			ŪBS	0990	0639	34996						140								
			085 085	0,750	0591 [463	35111						146								
			510	1000	0539	3499	276		000582	0 1	>08	148								
			085	1600	0539	34994	276	55				148	391							
			51D 385	1110	0497 1497	950.0	27		000530	1	563	148								
			STD	1200	0+61	35	2.7	7 4	000498	0 1	015	148	193							
			085	1200	3451	34491						148								
			0BS 0BS	1250	0437 0450	34974	27	7 S				148								
			STD	1300	0437	3478	27	75	000489	7 1	:64	148	199							
			035	1300	0437	3+977			A00-7-		7,-	148								
			STD OBS	1400	0419	34574	27		000479	¬ 1	712	149								
			STD	1500	0410	3498	27	7.8	000469	0 1	760	149	222							
			081	1:00	0410	34584	27	16				149	22							

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

NCE SH		LATITUO	DE	LONG	HTUDE SUN	SOU-	DEN	A 12	10N TI		YEAR	CRU	ORIGIN	ATOR'	-	067	DE			WAVE EVATIONS	1 7	VEA-	CLOUD			NODC	Νĺ
NO. CO1	DE		1/10		1/10	10*			DAY H			N	0 1	UMB		8077		PL'S D	18 1	HGT PEF 3		ODE	17PE 4 W.1			NUMBER	•
523 RG	: I :	36539	RN	061	421w	115			18 0		967	A5	3 00			478	88	1	в	3 2		4 1	0 3			002	4
							COLOR	-	+	VELLO	BARC		AIR TE	WE	vii	NO DR		SPECIAL									
							CODE	TRANS	DIR.	FORCE	(mbs		BULB	. NUL		DEP	THS DWS	ERVATIO	N 5								
							DT	SD	19	515	186	6	168	13	7 7	28	3										_
M 633 Ti 14 R	58×68 141 0	CAST NO.	CAR		DEPTH (m)	Ť	'n	s	•4.	SIG M	A -7	3PLC AN	IFIC VOLU	ME 0'	\$ A D DYN. A x 10 ³		SOUND VELOCITY	02	m /(PO amP H2 = 8111			NO2=N ug = at-1	NO3-N vg = 81/1	51 O + -		4
														. 1													
			51		1000		260 260	36		250		00	2882	/	0000		15309 15309										
	J 1 ë		085		0010		260	36	346	250		0.0	2886	6	0028		15307										
			58		3410		2+0		340	250		0.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		0 - 2 0		15307										
			0.7		5262		343	36		250		0.0	12896		0057		15309										
	003		089	5	3030		16.7	36	346	250	٩						15309										
			51	r D	0030	2.2	243	36	15	250	4	0.0	15415	7	0 U B 6		15311										
			089		0000		263		346	25							15311										
			- 1		0350		163	36		2.5		0.0	5501		0 : 44		15314										
			089		0050		263		-4F	250		0.	02920	~	0 = 17		1531~ 1531/										
			084		0075		2 h 3 2 h 3	36	32 346	250		0.0	12 420	-	0 = 1 /		1531/										
			31		วาาบ		114	36		256		n n	2:-1	3	0283		15280										
			08		0100		11-	36		25%							15280										
			SI		0135		989	36		2:		0.0	2024	9	3335		1525										
			08		0125		9.69		615	2£ "							15258	d.									
			5.1	ľU	0150	11	94.	3 ₪	60	261	5	0.0	0192⊣	2	33 - 1	7	1524	*									
			081		9160	1.	943	30	5 . 6	2 t 1	E						1 € 2 →										
			(3)		0:82		447		581	263							1503										
			51		1212	1.1	977	30		263		0.0	1749	3	C+6.		1523										
			089		0200				190	264							15231										
			5.1		0250		811	36		26 .		00	17.7	-	0568		1523:										
			OB 5		0250		831 795	36	5 ag H	264		0.0			JC .:		1523: 1523:										
			0B:		3333		706		517	264		CIT	115		J		1523										
			51		0433		757	36		26		0.0	01651	3	562		15237										
			56		400		757		455	250							15236										
			5.1		05.24		7.9	36		256	7	00	01544	0	0 + 60		1523										
			083		0504	1	7	36	3.78	265							1523	7									
			5	T U	0500	1	559	36	1 -	26+	4	0.0	015-3	4	1447		1520										
			08:		0610		568		1 /	2++							1520										
			51		0700		349		75	268		0.0	01 ***1	-	1-71		1514 1514										
			089		3700		347	35	756	26F 27			21175	2	1 = 1 F		1517:										
			06		080 0 0610		,44 ,44		358	27		U.	Tiria	2	1411		15.7										
			20.		0-10		nh o	35		17.		0.0	01454	5	1025		1500.										
			úB.		02.0		H6		124	27.							15)										
			08		0745		779		14 -	27.							1426										
			5		1000		6 F 7		J 3	270		Ç.	cea in	r	16.1		14-4										
			089		1000		6h7	3.5	031	2.75							1494	A									
			5	T D	1100		551	34	49	27-		0.0	00011	ķ.	107		1441										
			-18		1100		- 51		5 G 4	27+							1491										
			081		1150		513		484	2.76							142-1										
			08		1154		- 15		3 A C	276					1 7 3 5		147.	7									
			S.		1200		5 2 0		991	276		Ü	J 3 4	15	1 1		149.	,									
			0 8 9		1200		471		447	27		0.0	n .		178		1491										
			OB:		1300		4.70		92.	27:		91	٠,				1491										
				T D	1400		444		49	27		0	00 - 4	5	104.		1492										
			oe:		1400		440		395	27							1492										
				TD.	1-50		420		7 B	27		01	074 - 4	F ₃	164.		149.										
			08		1600		477		378	27							1402										

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	SHIP					. =		SDEN	STA	fion 1	IME		Т	OR	IGINA	TO#"S		DEI	PTH	MAX	T	w	AVE		WEA-	CLOU	0			ODC	
CYAY ID.	CODE	LATITU	1/10		G11UDE '1/101	DEIFT	\$QL 10"	I ARE		IGAT		YEAI		NO.		ATION		BOTI	0	OFFTH STAFFL"	"	DBSER.	LATION		COOE	000			5.7	ATION	
1							_	1		DAY			_					_		1 MPL	1		51 718	\$1.A	-	110) A			+		
318028	I K C I	37200	DN I	062	2000w l		115	72 WA	1 1 ER		943 WIND	1196	ARO:	1	1 TEM		П	48 NO			1 !	داع	-		[X]	0 13))		(0020	
								COLOR	TRAN	S DIR.	SPEE OR	D 4.	ETER	0.01		WET	COD		is I.	SPE DBSERV	CIAL ATION	2									
								CODE		+	+	_+_	mbs)	BUC	-+	8018	-	20	-			-									
		1		-			_	ΝŢ	50	1.8	519	1	69			145	7	150	9	-		4		1	-		_	-	-		_
	MISSENGE TIME		CAR	0	DEPTH I	ml	1	°C		*/	\$10	M A -T	۱ ا	ANOMAL	OLUM T-E10	1 6	. 10 ³	١,	SQUA VELOC	UD TITY	02 m		PO4=P	71	0741-7	N⊙2=1 vg - a!	NO:		(a = 57 (a) (pН	Č.
	HR 1/10			-			-				+		+			+	10-	+-	_	-	-	+	-	+			+		-		H
	1	1 1	ST	5 !	9000		1 2	263	36	36	1 25	00	-	оргне	3.6	10	JJE	1	153	ile.											
	043		085		0.000		Ž	263		350		n-							153												
			ST		0010			264	36			0.8		00789	912	Ü	128		153												
			08s		0030			264 265	36	356		ात्र । सम्ब		0026	17 h	.1.	557		[53) [53]												
	004		OBS		0020			265		355		C 8		50	- 7-0	0	,,,		53												
			ST	D	0030			266	36		2 5	5.0		00290	554	0	2 d t		LE S												
			085		0030			265		354		9.6							153												
			ST OBS		0050			266 166	36	35 353		8 G 10 B		00,791	1 1	J	Lu-		153 153												
			ST		0075			259	36			11		0028	-4 H	G.	17		153)												
			OBS		00.75		2.	259		366	25	1.1							63												
			ST		3100			9.8	36			75		001	1-4-3	Û.	40		15.												
			OBS ST		0125			993	36	615		0.6		00201	5.3	n	1.6		15] ! 5] !	5 1											
			OBS		0125			3:20	36			0.6		00.0	50	U			150 150												
			5 T	D	0150			94 1	36			1-		00141	84	٥.	3 4 5		152												
			OBS		0150			945		521		16							5.1												
			ST		3500			876 876	36	586		31		3017		0	- 78		152. 1521												
			ST		0250			839	36			38		00174	. 1 ~	0.5	ne		52												
			085		0250		1	430		555		3.8						1	150.	30											
			ST:		0300			915	36			42	-	00170	1.1	Ü	5.5		50												
			OBS		0310			75.4	36	527	26	4 L		00;55	37	13.5	122		52. 52.												
			OBS		0400			7 11 4		-73	20			001	, .	0.			52												
			ST		0500			7.2.7	36			55		0016	57		90	1	152	4											
			085		0500			727		417		5.5							5.												
			OBS STI	D	0.70			514	36	.75		62 67		00157	114	1.		1	5.	2.1											
			085		0600			1.74		154		67		201					52												
			ST	D	0770			41479	35			67	(00158	17.5	1.	158	1	518	٥.											
			OBS	D.	0700			4.4.2		735		57				,			516												
			OBS	U	0800			lin Lin	35		27	7	(out17	14 "	1 -	147		50 d												
			5 T	D	0400			353	35		2.7		(00 -	4.7	1	- 3		4 -												
			085		0300			552		104	27								400												
			OBS		0228			376		194		3.3							4-												
			0BS 0BS		0940			763	35		27	3.5							496												
			ST	0	1070				34		27			00075	, 3 2	1.6	146		430												
			085		1000		J:	7.2		973	2.7	4.5						1	4 + 6	4.9											
			OBS		1043			5.710		+70	2.								4 -												
			OBS	V	1100			14.	34	+8 +80-	27	63	() (I .	4 -	1			41.												
			5T	D	1370			-01	34			69		10	h.		F /		4 -												
			085		1200			- 1		4 I	2.7	h v							4 -												
			STI	D	1335			an I	34		2.7	1.3		0.1	5.1	1	- 1		ų ÷.												
			089	Ď.	1470		0.		34		27	7 10		. 4		1 :			441												
			UB3	-	1470		Ú.			131	3.7	7 6							4												
			STI)	1.70			i v	34		2.7		- 6	0 4	ì				4 - 4												
			085		1570		Ü.	1 -	34	1 "	2.7	7.5						- 1	4 .												

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

ERENCE SHIP	LATITI	IID#	LONGITUDE	= 5	MARSDEN SQUARE	STATION	TIME	YEAR	-	RIGINA			DEPTH	MAX DEPTH	n	W A	VE LTIONS	WEA-	CLDUD			NODC STATION
ID. CODE	1	1/10	1/10	NOW I	- 1	MO DAY			ND.		NOITA!	- 1	80110 M	S'MPL'S			PER SE		INF AM	1		NUMBER
8028 RC	3744		052178w				071	1967	A53	20:	,		4792		21			x 2	0 3			0026
GI1701KC	13/44	1 Z 1 N 3	052170#	1 1	WAT		WIND	BARI	1	IR TEA		Τ,	NO.			714	4 (1 42	1 013	1	- 1	002
					COLDS	TRANS DI	3711	D METE	ER D	27	WET	COD	OBS DEPTHS	DRSERV	CIAL	2						
					CODE	IA.	FOR	i (mbi	1 10	JLO	\$ULB	+	+			4						
					7.1	50 22	520	14	4] 8	32 1	157	7	31			1						
MISSING	CAST	CAR		čes. I	1 10	\$ 1/	SI	M 4 -1	SPECIFIC	VOLU3	¥¢ ₹	A D	501	JND	O 2 m1		04-7	1014 L=F	ND2-N	NO3-N	5104-	5: p.H
HIL 1/1	OF NO	Typ							BNOM	A c.Y-#11	" "	103	VELC	DC ITY		P	n (877)	₩¥ 1 8171	√g = 01°	99 - 81/ l	₽¥ - 01	4 "
		ST			2266	3636		806	0020	4841	. 01	000		357								
Λ7	2	OBS			2266	36360		0.8						307								
		5T 065			22+7 22+7	3636 36359		908 938	0028	5466	5 01	028		309 309								
		51			2257	3636		508	002	461F	. 0	157		310								
		085			2257	36356		0 B	002					310								
		5 T	Dr. 0.03	U	22n7	3636	2 9	a B	0029	90b.	9 04	187	15	314								
		085			2267	36356		0.0						312								
		ST			2268	3636		0.7	005	910	- 0	145		315								
		085			2268	36357		07 0H	0029	2 / 2 /		218		315 320								
		085			2268	36360		108	002	3	- 0.	- 10		320								
		085			22114	36 16		3.9					15									
		ST			21 17	3655		> > +	0024	4476	0.	in:		294								
		085			2137	36546		59						292								
		ST 085			2022	3657 36566		91	0023	143	7 0	5 a _		266 266								
		51			1928	3656		17	0019	Pina.		233										
		085			19 18	3658.		17	001					245								
		ST	0.0	Ü	1874	3658	2.6	3.	001	1421	0.	• A ~	15.	. 36								
		085			1 /1 7 4	36579		21						238								
		ST			1844	3651		37	001	754	0.	- 74		237								
		085 ST			1844	36554 3653		37 944	00.	٠,,		560		237								
		085			1810	36535		144				0.0		736								
		51			176	304H		٥٩.	0010	or 7 !		320		38								
		065			17n+	36477		51						238								
		٠ ٦			171_	3011		5.7	0616	164	l j	994		238								
		083			171.	36391		57						238								
		085 985			1692	36 4		20 I						23H 229								
		ST			1 64	36 →		164	0.1		1	154		206								
		0.85	360	0	1504	36094	2 6	e 9					15.	211								
		ST	0 370		1351	357:		89	001	16-	- 1	3-7	1.5									
		085			1351	35756		989						150								
		085			1274	35626 35616		95 701						130 119								
		985 ST			1121	3041		701	001	l h e	7 1	+27		114 084								
		085			1121	3541e		708	001			- '		0.84								
		UBS	084	40	0980	39240	2	720					1 %	139								
		5.1			U874	3512		728	000	9811	1	436		107								
		-085			UB 74	351c:		72F 752	0.00		· 1.	6.71		067. 932.								
		ST 085			0641	34996		752	000	4	Τ,	b 2 1		937								
		ST			U5 45	3449		764	0000	sci.	. 1	087		916								
		089			05 25	34 47€		764					14	9.16								
		0.85			0524	34979		765						9.2								
		ST			0485	3448		77	0005	14 15	1	7 4 4		31. 1								
		085 91			0459	347PI,		775 772	30C		1	748		7.1 7.6								
		081	130		0459	34976		772	Juc.	1 .				9 6 8								
		0.1			UHAS	3456		774	0.000	511	1	545		919								
		085	140	Ų	U44"	34	2.	7 7 4					197	714								
		ST			9423	344-		77t	Ūυι -	+ 7	7 14	5 4 10		1, 4								
		0.85	. 177	J	0427	34 4€	2	77E					14	9								

Table H. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17-20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number

ERENCE					# MARSDEN	STATION	71446		DRIGINA	TOR'S	DEPTH	MAT		WAVE	WEA-	crono	T		
ID.	CDDE	LATITUDE		NGITUDE S	SDUARE 10" 1"	MD DAY	TE.	AR CRUIT	E 57.	ATION	TO BOTTOM	DEPTH		HGT PHE ST	THER	CODES		51	ATION UMBER
8028	B RC	37442N	-	2176w	115 72	11 18	080 19	67 A5			4892		21	5 1	x 2	8 2		(0027
					COLC	F TRANS O.	SPRIO	METER Imbal	DRY BULB		DEFTHS	SPEC	IAL ATIONS						
					200	18	J15	-		1 4 8 7	0.7								
	MESSENGE TIME O	CAST	CARD	DEPTH Im	1 1 %	5 *4.	SIGMA	-t SPECIE	A TITELS	1 DYN /	SDL	UND	O2 ml l	*0a=*	101A L-1	NO2-N	NO3~N	\$104-5	μн
	HB (.10	100	: TPE				-			± 10 ³	VILL	00111		6g + 8111	NB - 01	µg = at/1	ug - n1 1	⊌g - 01/5	
	088		85	T1046	0585	34990	2758					916							
	158	U	B5 STD	72274 2530	0371 0353	34474 3497	2782 2783				150	024 066							
	388	0	BS STD	2805 3000	094) 09.4	3446 B	2785				151	109 133							
	088 088		BS 85	T3400 3930	0274	34961	2790					188 267							
			STD	4+100 T4457	0241	3447	2793					279							
	088 088		85 85	4805	0211	34915	2791					417							
NCE	SHIP	LATITUDE	1.0	GITUDE 6	MARSDEN	STATION TO	IME YEA		DRIGINAT		DEPTH TO	MAE DEPTH	085	WAVE EVATIONS	WEA-	CLOUD 23CO		, N	ODC ATION
ND D	COOL	1/1		1/10	10" 1"	MO DAT N		NO NO		TIÓN	EOTTOM:	S'ALPL'S		HGT P18 S1		TERL AND		N1	MREP
) 2 B	RC 3	8186N	Û6.	2438wl	115 82		- (A- C)	57 A53	008	£	4572			4 3	x 2	0 3			0.28
					COLO	FIG ZHAS	3940 ,	AETER	DRY IUL0 E	A ET COO	ND DRS DEPTHS	SPEC: A V PESSEQ	TIONS						
					DT	50 23		082 2	03 1	160 7	36								
	MESSENUS DI SIANI DI	CASI C	AFD 34+	DEFTH (m)	r to	5 *4.	SIG AA A	1 SMCIFI	C 4010 ME	S A D	\$DU VELO		Dg min	FD a=P	1014.=1 =0 11		NO1-N	1 14-5	рΗ
	H# 1 16	-			+	1				x 10 ³	-	-		1		-		-	
			510	0000	2237	362	2505	003	9227	0000	152 152								
	003		5 S 5 T D	0000 0000	2238	36205 3621	2505 2505	002	4275	0629	153	30€							
			35 51D	0100 ندرن	2238	36217 3621	2505 2506	002	4304	0058	153 153								
	002	0	3 S 5 T D	0020	2238	36.08 3621	2505 2505	na:	9325	0087	153 153								
		0	35	0030	2234	36214	2505				153	303							
			STD BS	0050 0050	2244	3624 3624	2506	002	4321	0146	153	808							
			35 510	0068 0075	225C 2241	3636 3636	2509 2515	002	6491	0 4 1 8	153 153								
		Oi	3.5	0075	2.41	36361 3632	2515 2559		4396	0.2H4	153 153								
		01	STD BS	0.00	50.40	36386	2559				152	278							
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Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

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Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

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			0 B S				380 374	34969	27		000	. 10.	0 51	81		487: 489:												
			085				3 7 4	34968	27		0011	47.0	4 1	. 01		+# *! 489												
			ST			0 :	369	3+97	27		001	4 . 8	1 1.	24	14	ن و.	4											
			085	150	Ü	0	369	34967	27	Вì						9]												

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE						MAR	DEN	STATIC	N TIME	\top			ORGIN	ATOR	3	T	OEPIH	MAX		WA	VE.	WEA	ctouc	_		NODC	1
CTET ID.	COOE	LATTU		LONGITUDE	90.0	50U	ARE	(C	MTI		TEAR	CRUIS NO.	1	TATIO)N	_	10 OTTOM	DEPTH OF S'MPL"	"	SERV.	ATIONS	THER	COOF	1	S .	MALE	
-	0.0	3924	3.11	063398w	1	115	T T	11 1			967	A 5 3	+		-	4	799	S MITE	26		$\overline{}$	×1	0 3	1		0031	1
1318028	IKC	3724.	on I	703340W	1 1	115	WA		WIN		1440	-	AIR TE			-	ND.		CIAL	١	1- 1	A 2	1 0 13	1		0031	1
							COLOR	TRANS.	DUR,	OI OI	METE	•	ORY BULB	WE		12	OBS. DEPTHS	OBSERV									
							0.1	1		20	0.3		63	14	_	+	31			1							
					_	1	01	130 1	1		100	_		1	- 1		1			1	.			T	Ι.		٦,
	MITTINGE YIMT HR 1/10	LCASI NO.	TYPE	DEPTN	(m i	1	£	\$.	٠	SIGM	A-T	AHO	C VOLU	0,1	\$ A DYN. 1 10	M.	AELO	DCITY	02 ml/		O4=P 0 = 41/2	107AL-P	NO3-N up - et/s	NO3-N vg - ol/l	\$1 04-\$1 1/10 + 94	рн	ć
	HR 1/10		_		_	+ -		+	\dashv					-		_	+			+							+
	1	'	51	0 000	0	1	779	350		254		002	587	ο '	000	0		160			,		'	,	1	,	
	089		085	000			779	350		254				,	002	۷	15	160									
			OBS	001			779 779	350		254 254		002	589	4	002	2		161									
			ST				780	350	3	254	0	002	589	9	005	1		163									
	002		085	002			780	3501		254				2	007	-		163									
			STI OBS	003			778 778	350		254 254		002	594	2	007	1		164 164									
			085	003			509	349		257								113									
			085	004			526	3504		259				_		_		089									
			510 085	005			429 429	3549		265 265		001	538	8	011	9	150	065									
			085	005			414	357		267							150	064									
			085	006			447	358		267								0.78									
			ST0	007			319 319	356 356		268 268		001	233	8	015	3		035 035									
			511				374	357		268		001	242	6	018	4		059									
			085	010			374	357		268								059									
			ST				299	355		268		001	226	4	021	5		036 036									
			085 ST	012			299 219	355		268 269		001	185	1	024	5		011									
			085	015			219	354		269				•	0 - 1	-		011									
			085	016			088	353		270								967									
			5T 085	0 020			036 036	352 352		271 271		00	1003	6	030	0		953 953									
			ST				890	351		272		000	870	8	034	7		906									
			085	025	0		890	351		272						_		906									
			51				754	350		274	-	000	738	1	038	7		861 861									
			08S	030			754 669	350 349		274								836									
			51	0 040	0	0	600	349		275		000)59B	8	045	4		820									
			085				609	349 349		275		000	0521	2	051	٥		820 807									
			5.T 0.BS	D 050 050			535 535	349		276 276		001	J921	2	0 7 1	· U		807									
			085				503	349		276	8						14	801									
			51				490	349		277		00	1475	6	056	0		805									
			085 51				490 478	349 350		277		001	0466	3	060	7		805 816									
			085				478	349		27					- 0		14	816									
			ST				434	349		27		00	0432	7	065	2		815									
			085 ST				434	349 349		27		00	0435	1	069	25		815 827									
			085				423	349		27		00	0433		00,			827									
			ST				408	349		27		0.0	0426	2	073	88		837									
			085				408	349		27		0.0	07.16	6	0.70	10		837									
			5 T 0 B S				392	349 349		278		0.0	0415	, ,	078	9		847 847									
			ST	0 120	0	0	388	349	7	278	30	00	n425	2	082	2	14	862									
			085				388	349		278		0.0	0421	ú	086			862 875									
			5 T 0 B S				380	349 349		278		UU	U→ Z 1	D	000	,)		875									
			5 T				377	349		278		00	0427	7	090	7	14	891									
			085				377	349		278		0.0	A / 3 -		000			905									
			ST 085				370	349 349		278		00	0423	2	095	U		905									
			000						-	'	-																

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

							_						10.815	-		MAI			1	CLOUS			
REFERENCE	SHEP	LATITU	01	LONGITUOE	95 Ye	MARSDEN		STATION I	IME	YEAR	CRUISE	RIGIN A	TATION	-	DEPTH TO	DEPT	H OR	WAVE SERVATIONS	THER	CODES		5TA	TION
CODE HO.	CODE	•	1/10	1/10		10" 1"	M	O DAY	HR 1/10		NO	N	UANBER	_	BOTTOM	S'MPL	.°S 019	HGT 010 514	CODE	1198 AM1		-+-	U-11 ER
318028	RC	3949	4 N	063595W	1 :	115 93			117	1967					4718		26	6 2	X 1	0 3		0	032]
310000						W	ATER		WIND	BAR)· -	IR TEA		VIS	NO.	51	ECIAL						
						COL	P TE	IANE DIR.	1010			DET ULB	W E I	C001	DEPTHS	ORSER	VA NON S						
						DT		SD 26	523		0 1	48	121	7	29			1					
	MESSENGE		CAR				1		Ή		SPECIFIC	ADTO	u	ΔDM	501	UND		PD4-9	10141-1	NO2=N	NO ₁ =N	S1 C4−5	ем
	Tran E	NO I	TYP		(m)	1 5		5 */	SIC	MA-T		ALT-110	, 0,	10 ³	VELO	DOIES	02 ml	V2 - 01 1	44 - 41 - 1		49 - at 1	29 - at 1	μМ
	HR 1/10	-	_				-+		_														
	1		ا 5 آ	o 000	0	1784	- 1	3526	25	553	002	467	2 00	000		163							
	117		085	0000	0	1784		35256		553						163							
			ST			1789		3527		52	005	4715	0 0	024		167							
			085			1789		35271		552	002	59/		249		167 171							
	002		ST 085			1796		3531 35315		554	002	4	• 0			171							
	002		51			1809		3535		554	002	464	7 0	74	15	177							
			085			1804		35354	2 5	554						177							
			085			1827		35445		556						184							
			SI			1821		3545		5.8	002	428	4 0	122		185 185							
			085			1821		3545 2 35425		58 505						125							
			OBS			1441		3566		63	001	444	3 0	171		0.75							
			OBS			1441		35661	2 6	063						i 75							
			OBS		Û	1389		35676		575						150							
			51			1359		3564		83	001	500	4 U	4 (5		J53 J53							
			085			1359		35693 35694		583 584						053							
			0B9			1353		3566		595	001	151.	2 0	435		033							
			085			1286		35657		505		_				033							
			51			1216		3552	21	598	001	128	2 0	2 6 3		111							
			089			1210		35516		598						011							
			51			1588		3537		711	001	613	g 0	317		973							
			089			1088		35374 3520		711 721	000	923	5 0	366		93.							
			0B5			095		35201		721						95.							
			51			083		3>12		733	000	016	4 0	400		895							
			OB:			083		35116		733						ROS							
			5			064		3501		752	000	633	3 0	4 H]		834							
			089			054		35006		752 763						807							
			08:	S 046 TD 050		053		3499		765	500	513	6 0	530		805							
			0B:			V53		34940		7 e 5					14	8.0							
				TD 060	0	048	ý	3449		770	000	472	7 0	288		8.4							
			0B:			Q48		34991		770						8 4							
				tD 071		045		3497		773 773		1449	4 0	634		8.5							
			08:			045		3498		775	000	144 [. 0	0.78		815							
			08:			043		3497		775						815							
				TØ 090		042		349F	2	776	0.20	438	6 3	722		828							
			OB:	5 090		042	7	34976		77E						A28							
				TD 100		041		3497		778	000) → 3 [5 0	760		833							
			0.8			041		34975		779 778	0.0	410	5 0	18.01		∙838 •853							
			5 0B	TD 110		040 040		3498		778	201	4 - 0	1 '			853							
				TD 120		039		3497		774	001	1427	н 0	105		865							
			08			039		3497	. 2	779						865							
				TD 130	10	038		3497		779	00	425	H C	1913		874							
			ОВ			038		3446		779				0.2		879							
				10 140		037		3497		781	00'	428	4	1931		1892 1892							
			08			037		3497		781 781	0.0	3428	В 7	98		*3 -							
			08			037		3496		781	001					40116							
			OB	5 177	10	037		54.0															

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

ID.	SHIP	LA TIT L		LONGITU	DE à	2 20	SDEN	STATION TO		re a a	CAUISE	STATI	ON	7	to c	MAX DEPTH OF		WAVE ERVATIONS	WEA- THER CODE	CLOUD			NOOC STATION NUMBER
-			1/10		17.10	10	1	-	9 1/10		NO .	NUM	DER	+		"MPL"S		5 2	-	11N AV1	-	-	
18028	RC	4013	4-N	06421	4 W	151	U4		45 1	967	4.0	13 IEMP '	c T	-	517 NO		27	5 2	XI	0 3			0033
							COLOR	TRANS DIR	SPRID	BARC ME16	P ORY	w	ET CO	15		SPEC	ATIONS						
							OT	50 27	FORCE S 3 O	0.28	-	1 :	**	-+-	35								
	MESSENGE	CAST NO	CAR	D DE	PT94 (m.)		r 'c	5 1/4.	SIGMA		SPICIFIC VO	LUME	\$ ∆ 01N	D	SOUNI		02 MI I	PO 4P	FOTAL = F	NO:=4 uy - at	NO3-N	5) C 4=5	pH
	HB 1 10	+	i —	-+-		+		•	-	-			я 10	-		-		-	-	54 - 51	-9-011	24 - 41	-
			ST		000		6 U 4	3404	254		00251	35	000	U	1510								
	145)	GBS		000		604	34636	254						1510								
			085		010		6 4	34634	2541		00251	14	002	5	1510								
	002		085		015		619	34676	254						1510								
			ST		020		619	3469	254		00256	8.8	005		1511								
			ORS		020		619	34695	2549						1511	1							
			085		026		627	34716	254						1511								
			5 T		030		660	3440	2555		00245	58	007	5	1512								
			085		U30 U45		660	34897 35275	2559						1512								
			0B5		U 5 U		749 651	3572	2620		00183	G T	011	Ω	1516 1513								
			085		050		651	35725	2620		00103	4.7	0 1 1	0	1513								
			085		055		678	36045	2639						1515								
			065		065	1	662	36074	2645	5					1514	8							
			ST		075		634	3647	265		00155	49	016	Û	1514								
			085		U 75		634	36074	265						1514								
			085 51		Ú 85	l l	589 524	36049 3593	2660		00113		010	,	1512								
			0BS		100		524	35926	266		00143	1 <	019	/	1510								
			5 T		125		434	3578	2671		00135	h h	023.	2	1508								
			085		125		434	35779	267		001		000		1508								
			ST	D 0	150	1	369	3572	268	Ž.	00147	84	0 = 6	5	1506	55							
			085		150		369	35716	2682						1506								
			5 T		200		209	3546	2599		00116	88	0.3.2	6	1501								
			0 B S		200 250		209	35461 3526	2599		00101		018	1	1501								
			085		250		034	35258	271		00101	66	0.28	1	1496								
			ST		300		894	3515	272		00087	3 14	042	я	1491								
			085		300		894	35154	272						1491								
			ST		400		607	3482	2742		00172	24	050	9	1481	7							
			085		400		607	34821	2742						1481								
			OBS		420		580	34846	2741						1481								
			085		439 484		600	34877	2741						1482								
			085		484 495		539 549	34902	275						1480								
			51		500		531	3488	2750		00059	7.7	057	4	1480								
			085		500		531	34876	2756						1480								
			085	0	505		446	34866	2760	0					1479	10							
			ST		600		478	3493	2766		00050	69	062	9	1479								
			085		100		478	34927	2766			1	0. 3		1479								
			ST OBS		700 700		468 468	3497 34972	277		00047	1.9	067	В	1481								
			51		8.70		450	3499	277		00(44	3.7	072		1481								
			OBS		800		450	34445	277		00		0		1482								
			ST	D 0	900	C	430	3498	2776	5	00044	UL	076	8	1483	30							
			085		400		430	34981	2776						1483								
			5.7		000		416	3498	277		00043	5.3	081	5	1484								
			085		000		416	34977	277		00.63			£	1489								
			ST 085		100		408 408	3498	2778		00 43	94	085	7	1485								
			51		200		394	3497	277		00043	4 b	069	9	1485								
			085		200		194	34466	2770		. 0. 13				1486								
			ST		310		3 ≠0	3447	278	ر	301 43	3 в	U 19 44.	2	1488								
			OBS		006		3.90	34973	278						1488								
			5.1		4 N J		384	3477	2780		00143	ьZ	0 +8	6	148 -								
			085 ST		49U 50U	Ú	384 375	34971	2781	J	00043		102		1489								
															1490								

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	SHIP	LATITU	101	ONGITUDE	IN OCT	M / RSDEN SQUARE	STATION TI	AA E	YEAR	-	DRIGIN			DEPTH	DEPT		WAVE SERVATIONS	W.EA-		STATIS N
CODE ND.	CODE		1/10	1/10	2 E		MO DAY H	# 1/10	112.44	CRUISE		TATION		BOTTOM			HOTPIE SI		[n] = -q	N ALESS
318028	R C	4038	JN O	6439UW				76	1967	A53	01	4		4133		28	5 3	¥ 1	+ -+-+	T 0014
. 7.0020		4030		0.0.0		WAT		IND	240	1	IR TE		Τ.	NO.	Ť	RECIAL				0.0
						COLOR	TRANS DIR	SPEE	M ET	ER	DRY ULU	W.ET FULB	000	OBS DEPTHS	0.058.0	EVATIONS				
							SD 28	1010	-		28	-	7	28	-					
					-	TC	20 59	532	0.0	2 1 1	20	100	1	*						
	MESSENGE TIME	CAST ND	CARD	DEPTH IN		7 7	5 *4.	SIG	M A -T		VOLU AUTHEL	Mt 8	IN M	SOI VEL	DOITY	Og mil	10,-1	POINT-F	NO 25 57	a=1 pH
	HR 1 10	-		-	-		-	+				-	• 10 ³	-		-				
	1	1	STD	0000		2108	3614	26	36	002	6.7	a a	v00	15	264					
	176		085	0000		2108	36138		36	002	O.E. I	0 0			264					
	-		STO	0010		4109	3613		35	002	6371	0 0	026		265					
			085	0010		2119	36135		3.5					15	265					
			STD	0 0 2 0		21 19	3613		3.5	0.05	640	7 0	0 4 5		267					
	0.05		085	0020		2139	36135		3.5	000			. 7 7		267					
			STD	0030 0030		2109	3613		35	002	Dig is	, ,	J 79		269 269					
			085	0030		1872	35515	25							199					
			STD	0050		2019	3641		8.3	002	193	5 0	127		249					
			085	0050		2009	36413		8.3					15.	249					
			085	0060		1989	36354	25							244					
			STD	0075		1569	3562	26		001	7451	в г	176		115					
			085 085	0075 0040		1569 1448	3561e 35456	26 26							115 J78					
			STD	0100		1500	3589		67	0.01	4,9	1 0	-10		101					
			085	0100		1500	35886	26							1 - 1					
			STD	0125		1420	3576	26	7.5	001	143	7 0	450	15	U 78					
			085	0125		1420	3575H	26							0.78					
			ÚBS	0130		1384	35761	26		201			202		173					
			STD	0150		1391	35781	26		JUI	744	, 0	2 R B		373					
			STD	0200		1263	3565		94	001	131.	. a	343		3.7					
			085	0200		1263	35653	26						15	13.7					
			STD	0250		1123	3541	2.7		001) 68	7 0	248							
			OBS STD	0250		1123	35413 3528	27		000	2020	^	449		994					
			085	0300		1022	35285	27		00	4016) 0	444	14						
			510	0400		0759	3507	27		000	751.	. 0	36							
			085	0400		0754	35067	27						148						
			STD	0200		0611	3501	2.7		000	5 57	7 0	5 4							
			OBS	1500		0611	35001	27						148						
			STD	0600		0509	3+47	2.7		33.	156	1 0	DA:	145						
			OBS STD	0600 0700		05.7	34466	27			51		7.09	146						
			065	3700		0468	34484	27						146						
			STD	3600		0441	3478	2.7	75	90%			754	146						
			085	0800		0441	34482	2.7						145						
			STD	0.400		0425	3478	2.7		000	4 4 7 7	3 0	79H	148						
			OBS	1000		0425 0413	34476	27		00.0			541	146						
			OBS	1000		0413	34974	2.7		01	4 > , c	, 0	341	146						
			STD	1100		0404	3498	2.7		000	. 10.	. 0	385							
			085	1100		0404	34476	2.7	7.8					145	5 D.L.					
			STD	1200		C3 +8	3448	2.7		00.	4325	- 0	128	148						
			085	1200		8650	34976	2.7			.)		. 71	148						
			STD	1300		0384	3497	27		000	115	. 0	173	148						
			STD	1400		U382	3446	27		001	15/	1.	114	148						
			085	1400		0360	34464	27.						146						
			STD	1500		0369	3446	27		000	4 - L	1.	158	145						
			085	1500		0369	34 461	27	9.]					149	1.4					

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

IO.	SHIP	LATITU	DE LO	NGITUOE ENGITUOE	MARSOEN SQUARE		TATION IGN			EAR C	BUILT	ATOR'S		OEPTH TO	DF		WAVE SERVATIONS		CLOUD			NODC STATION
NO.	-	·	1/10	- 17.10				HR 17			NO	NUMBE	A	101101	S'MPL"		HGT FEE SI	CODE	1781 A.M	_		NUMBER
8028	RC	4104	ON 06	4590W	151 14	11	119	216 WIND		_	A53 01	5 MP °C	_	3438	3	28	5 3	X.1	0 3		İ	003
							ME D	5#	110	BARO- MÉTER	ORY	WET	VIS.	NO. 085.		CIAL						
					_	\rightarrow	-+-		PC F	(mbs)	BULB	BUL	_	OLF III	5 023521							
		_			DT	5	D 2	8 53	4	008	125	103		4.2				_	,			
	MESSINGE BMI o MR 1/10	CASE	CARD	OFFTH (m)	1 %		5 1/4	. ,	IGM.	A-1 1	MONALT-E	IAKE	₹ ∆ 0	. SC	LOCITY	02 ml/l	FO := P	1014L-P	NO2=N ug - at/1	NO3-N	510	
	HB 1/10	-				+		+		-			K 103	+			98 - 60/1	29 8171	₩g - 01/1	yg - ol/1	νg - σΙ.	~
	1		STD	0000	1219	1	353	١,	54	3	002557	9 1	000	14	ا د 96ء		1		1		l	
	216		OBS	0000	1219		352		54		002-31		,		963							
			510	0010	1221		353	2	54	3	002564	8 (0025		965							
			OBS STD	0010	1221		352		54		302564		051		965							
	004		OBS	0020	1219		352		54		302364	> (1001		966							
			085	0026	1218	3	352	4 2	54	3				14	967							
			STD	0030	12J9		355		54		002529	6 ()U 76		964							
			OBS STO	0030	1209	3	355 299	1 2	57	7	002251	8 (1124		964							
			085	0050	0774		299		57		.022.1		,		801							
			085	0069	0548		312		61						716							
			085	0071	05.75		329		62		00170-	, .			730							
			ST0 085	0075 0075	0554 0554		336		63		001708	1 (174		723							
			OBS	0080	0525	3	335	b 2	63	7					712							
			510	0100	0693		418		68		001271	5 (211		793							
			085	0100	0643 0848		417		68						793							
			OBS OBS	0116	0629		428		69						858							
			STD	0125	0628		431		69		001093	8 0	240		773							
			085	0125	0628		430		69					1.4	773							
			STD OB5	0150 0150	0676		451 450		70		001009	7 0	1267		799							
			085	0165	0676 0677		450		70						18∪2							
			065	0186	0729		400		71						828							
			STD	0200	0909		502		71		000979	0 (316		903							
			085 085	0200	0909		501		71-						903 912							
			085	0229	0862		506		72						1681							
			STD	0250	0679	3	475	2	72	8	000845	0 0	1362	14	820							
			OBS	0250	0679		475		72						820							
			085 085	0253	0672 0709		476 496		72						818							
			OBS	0280	0643		484		74						812							
			085	02R8	0662	3	487	6 2	73	Q					821							
			STD	0300	0649		486		74		000751	1 0	(401		818							
			085 085	0300	0649 0590		486		74						818							
			085	0350	0589		490		75						18U3							
			OBS	0390	0523		486		75						78.							
			210 085	0400	0521 0521		486 485		75		000588	1 (1467		783 783							
			085	0400	0519		489		75						786							
			STD	0500	0488	- 3	491	· d	76	i.e.	0005.1	5 (>23	14	+78c							
			OBS	0500	0488		4 9î		76						786							
			510 085	0600 0600	0447		494 494		77		000461	7 (1072		787 787							
			STD	0700	0440		495		77		000457	3 (618		801							
			OBS	3700	0440		494		77.				*		800							
			STD	0800	0419		445		77		000447	r, c	1063		808							
			085 STD	0900	0419		4741 496		77		300439	4.	707		808							
			085	0900	0415		4321		77		JUI 7 19	0	101		821							
			STD	1000	04.18	3	496	2	7.7	7	000445	4 C	751		837							
			OBS	1000	04118		495		77)nr.+44		795		837							
			STD	1100	0399		496		77 77)()/ + 44	> C	1795		851							
			510	1200	0389		496		771		100436	1 0	839		862							
			OBS	1200	0389	3	4 151	5 2	7.7	2				14	862							
			STO	1300	0389		496		77		00:14:53	3 0	882		H 75							
			OB5 SID	1300 1400	0380		495) 496		77' 78'		1011431	3 0	926		875							
			085	1400	0372		445		781			- (0		889							
			SED	1500	03n +		496		7 H		000445	1 0	469		304							
			085	1500	036 ₹	3	4751	8 2	7 P	1				14	254							

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

REFERENCE				La	MARSOEN	STATION T	AA E		01	IIGINA1	TOR'S	Т	DEPTH	MAX		WA		WEA	CLOUG)		N00C
C191 10.	COOE	LATITU		FONCILNOF SA	SQUARE	(GAIT)		TEAR	CRUISE NO	57.4	NOITA		10 101104	. OF			TONS	THIR	CDDE	1	51	UMHER
CODE NO.			1/10	1/10	10" 1"	MO OAY H					WEEX	+		S'MPL'			FFE 514	` -	1171 2.0			
318028	RC	4130	5N 10	65182w				967	A53				2611		29	16 1	3	× 1	013			0036
					WA		SPEED	BARO) - <u></u>	R TEAR		VIS.	NO. OBS.		CIAL							
					COLOR	TRAN L OIR.	OI	M E T E		. 6	BULB	CODE	DEPTHS	OBSERY	/ATIONS							
					DT	SD 29	535	019	9 09	6	068	7	27									
			ī			100 27	1	1	-	_	. 5	A n				Τ.			I			
	MESSENGE TIME (LCAST UNO.	CARO	DEPTH (m)	1 %	5 %.	SIGA	7 = A A	SPECIFIC	14-110 ₃	. DY	∆ D N M 10)	VEL.	OCITY	0 2 m1/		O_=F	TOTAL - P	NO2-N	NO3-N	SI Cla=Si ug + et l	рн
	HR 1/10		-		-		+				+ -		+-			+			-			
						1	25;	1	0027	220	1 00	000	1	965			}			1		1
	0.17		STI	0000	1234	3333 33326	252		0027	230	-	,00		965								
	016		0B5	0005	1234	33327	25							966								
			STO		1297	3362	25		0026	393	00	26		992								
	002		OBS	0010	1297	33616	25						14	992								
	002		STI		1328	3396	259		0024	452	0.0	52	15	800								
			OBS	0020	1328	33964	251	E, 6,						008								
			STI		1337	3400	259		0024	415	G C	76		013								
			085	0030	1337	33996	259							013								
			085	0040	1109	34026	260			. 70				937								
			STE		0724	3355	267		0017	679	0.1	118		789								
			085	0050	0724	33554 33556	26							789 770								
			085 510		0671 0708	3415	26		0013	095	0.1	157		795								
			OBS	0075	0708	34146	26		0013	0 , ,				795								
			510		0778	3456	26		0011	037	0.1	187		831								
			085	0100	077H	34558	26							831								
			ST		3817	3472	27	15	0010	435	0.4	114	14	853								
			OBS	0125	0817	34725	2.7) 5						653								
			5.10	0150	07.16	34b3	27		0000	969	0.4	:39		850								
			085	3150	0796	3480.	2.7							850								
			510		0754	3440	27		0000	361	0.4	2 R 4		843								
			085	0200	3754	34R96	27.							843								
			ST		3657	3485	2.7		2017	4.1	U.	323		813								
			085	3250	U657	34854 3486	27		0006	20	2	358		791								
			ST:	0300	0581 0581	34864	27.		0000	420				791								
			OB 5		0517	3495	27		0005	535	Ü.	+18		784								
			085	0400	0517	34806	27				-			782								
			ST		04 P 1	3447	27		0004	925)-	+70		784								
			083	9530	0481	94035	2.7	67					14	784								
			ST	0630	0455	3494	2.7		0.004	6.45	0:	> 1.8		791								
			065	0500	0458	34945	2.7							791								
			< T		2448	3496	2.7		0004	2.40		064		804								
			0.65	0770	0448	34956	2.7							804								
			ST		0442	3497	27		0.014	1484	U	510		818								
			OBS STI	0890 6346 (0442	3497	27		00.14	3.36	0.0	554		825								
			OBS	0.500	0418	34474	27		00.	,,,,		-		825								
			STI		0415	3447	2.7		0004	264	. 00	547		836								
			OB.	1000	04.15	34971	2.7				-			836								
			51		0399	3497	2.7		0004	26.	0	739		850								
			OBS	1110	0300	34074	2.7	79					14	850								
			ST		0389	3497	2.7		0004	240	0	782		168								
			085	1200	0389	34971	2.7							862								
			51		0381	3446	2.7		0 (114	185	0	024		876								
			085	1370	0381	34965	2.7							1976								
			a Ti		0378	34 +7	27		0.104	310	0.1	667		891								
			085	1430	0378	34466	27			766		910		891								
			51		0369	34 + 71	27		0004	600		- 1 [4U4 4U4								
			085	1530	6369	244/1	- 1	2.4					1 4	454								

Table II. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 17–20 November 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8028.—Continued

NODE 514110 NUMBI		CODIS	THER	WAVE BYATIONS	0.05)	DEPTH OF	DEPTH TO MOTTOM	N	STATI	UISE.		YĘ A		ION TI		ARE	SQU	200	NGITUOL E	101		LA TITUI	SHIF
NOWE	_	118 AUT	CODE	HGP PER SIA	D10	S'UPL'S	*UTIOM	2	MUM	10			₩ 1/10	DAY	vo I	1"	10"	- z	1/10		1/10		
003		0.3	×1	5 . 6	28	1	796		7	53 01	7 A	196	152 1	20 0	11	15	151		5400#	100	3.04	1104	20
							NO	1		A IF TE	40-	-1	WIND			W & 7			7-4-1-0-11		<i>/</i> • • •	. ,	
					TIONS	SPEC OBSERV	085	CDD	W	DRY	ETER		59110	QIR.	18ANS	COLOR							
							DEPTHS)	80	1010	naat .		FORCE	GIV.	149.1	CODE							
							28	7	100	104	2.2	13	332	27	SD	DI							
								5 1 0			1	_	1	-				_	1			-	MESSINGE
N [51 O a - 5+]		NO3=H	01A(-1)	PO - P	Ozmii	CITY	VELO	2 C 0	n'	CIEIC VOLI	176	W # -	SIGA	-/	5	ε	1	-	DEFTH (M)		C A	CAST NO	3 IM1 0
	-			+			-	3 10-	-		-+-		+	_	-		-	_	-				ня 1/10
									.				1									,	
							146	0000	1	03115	0		248		32	028			000.	TD			
							148						24+	330		028			0600		08		051
							141	37. 2.1		0 - 1 1 7			248	346		329			0006		08:		
							144	0031	1	03117	0		248		34	149			2012	10			
							141			0 0 2 11 1			24F	376		049			0010		OB		0.01
							14	0058	r of	02374	0		256		32	768			0020	†D			
							14			00167	_		256	786		768			007.0		08		
							14	30 HS	3	02357	0		25e		36	603			0030	†D			
							14						25t	568		607			0030		03		
								1111					257	501		5.87			0032		0.8		
						131	14	0123	1	01749	0	24	262	35	33:	586			0043	† D			
						1. 0		.1								5.86			0050		OB:		
							14	1159	19	01140	U		269		34	617			0075	TD			
						760	14						269	216		617			0075		08		
									,	0-07/			273	91P		688			1000		OB:		
						365		0 + 86	2	00974	0		271		341	850			0100	TO			
						365							271	886		856			0100		08		
							14						271	020		808			0108		08		
						390					_		271	076		404			0116		0.8		
						383)-09	3	00867	0		272		350	884			0125	T D			
						383							272	U94		884			0125		08		
								3-30	0.0	00800	0		273		34	768			0150	10			
						341							27	960		768			0150	'5	0.6		
						338							27:	960		750			0175		OB		
						333							27	931		733			0186		OB.		
						821		0269	8	00777	0		27		34	633			0230	TU			
						321							27:	871		699			0530		08		
						768							274	800		559			0.220		0.8		
						76 l		0304	• l	00624	0		275		34	530			0.450	TO			
						761							275	798		530			0250		0.8		
						759		0334	14	00567	0		275		34	504			0330	10			
						759							27	841		504			0300		08		
						762	-						276	876		489			0350		ОВ		
						768		0388	3.9	00520	0		27		34	485			0400	TD			
						768	-						27	889		485			0420		08		
						770							27	884		479			0427		UΒ		
						765							27	863		467			0430		0.6		
						773		043B	70	0047	0		27		34	450			05:0	10			
						773							27	917		456			0500	ls.	08		
						784		0485	4	00469	0		2.7		34	441)	0600	T (5		
						784							27	917		441			0600	15	OB		
						796		0531	5.7	00449	0		27		34	429			0700	TD	5		
						796							2.7	944		1429	0)	0700	15	UB		
						801	14					72	27	945	24	1431	0		0725		O.E.		

FERENCE ID NO	SHIP COOE	LA TITU	DE L	0NG/TUDE 5	SQUARE	STATION 1 IGMTI	YE A S	CRUISE STAT	ION	TO DE	PTH 01 OF OB	MAVE SER, ATICHS	WEA- THER CCCI		PALL THE PAL
18023	RC	4215	w 5	66040W	-	TRANS DIE	SPIED MET	ER DRY 4	* J.		SPECIA. SEPLATIONS	5 12	×1	O 3	0031
					D.T.	50 28	J25 02	-	43 7	16		4			
	MESSENGE TIME of HE I TO	CAST	CARD TIPE	O[41H (m)	1 %	3 14.	SIGM A-1	SPICHE VOLUME	\$ £ 0 0 N N	SOUND			1A, -P	147 July 157	X 4-1 4H
									١						
			STU		0936	3-14	2485	0031133	0000	-					
	078		083	0000	5936	32139	2485	0031177	0 21	1484					
			SID		0936	3214	2484	011-11177	0 - 31	1484					
			170	0010	0936	3214	2484	0031185	0062						
	0.01		uB i	0070	3936	32137	2484	00031163	0002	1484					
	001		08.	00.17	0945	32138	2485			1484					
			- 11	110.30	0928	3214	2486	0031048	3093						
			08%	01.10	ASPC.	32141	2416			1484	ь				
			Sto	0.150	JB10	3241	2525	0027333	0151	1480	В				
			065	0050	UMIC	37415	2520			1480	8				
			08:	0068	0539	3 10 45	2610			1471	1				
			3.1.5	06.75	0539	33UE	2611	0019158	0214	1471	3				
			065	01175	0539	33057	2511			1471	3				
			110	0100	0588	3396	2677	0013025	02511	1474	9				
			0)105	0110	C5.8 8	33957	2 h " "			1474					
			5.10	01.25	2638	3422	2691	0011735	0-81						
			185	0135	J638	34216	2691			1477					
			042). 10	6651	34355	2700			1478					
			1.0		6600	3439	2701	0010776	0309						
			085	0150	01.59	34386	2701			1479					
			0.95	01.75	3669	34441	27)H			1480					
			085	019.	36.88	34546	2710			1481					
			085	0196	76.74	346A2	2722	0000504	0357	1480					
			STD	0500	0651	3467	2725	0008594	117	1480	J				

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.

RENCE ID.	SHIP	LATITU	IDE	LONGITUDE	SQI SQI	ISOEN UARE	STA	TION T	IME	TEAR		ORIGIE			4	OEFTH TO	MAX	01	W A Y		wł.	A. CLC	000			NOC	oc.
NO.	COOE	•	1/10	17/10	10*	1.	MO	DAY	8 1/10		CR	10 10	STATI NUM		- 1	OTTOM	OF S'MPL"			PER SE	THE		DES			NUM	
8033	RC	3515	ON	060185w	1115	50		$\overline{}$)5U	1967	IA	54 00			1,	477	-	25		2	* * 6	_	3				_
			,		1	WA			VIND	1	-	AIR TE		c		NO.		_	7 1	-	1 *	0 0				00	0 1
						COLOR	TRANS	O IR.	5PLE0 02 FOIC	MET	ER	DRY	W	ET c	214	085	SPE OBSERV										
						COOF	(m)	J	1010	E (Mb	•1	TULE	ŧυ	LR		OEFTHS	Cuntar										
						DT	SD	29	335	0.8	6	183	16	2 6	,	32											
	MESSENGR TIME	CAST	CARC	OEZTH IM		T 10	Τ.	٠,,	T		SPE	CINC VOLU	IM E	₹ A	0	501	UND)4=P	10141-	. NO2-	T	NO 3-N	T		-
	HR 1/10	NO.	TYPE	OLVIN III			1 ,		110	M A -T	4*	NOMALT-S	10"	X II	٥,	AETC	CITY	O2 ml/		- 411	10 1 m (m			40 - of-1			p 14
							1		†				-		_		-		_			+	-+		1	+	_
	•		STI	0000	2	026	36	14	25	5.8	0.0	02416	5	000	0.0	152	242		- 1	1		ţ	J		1		
			085	0000		026		139	25							152											
			STO		2	n 26	36		25		0.0	2420	2	002	4	152											
			085	0010		026	30		25							152											
			STO			026	36		25		00	02423	8	004	8	152											
			OBS ST	0020		026 027	36		25 25		-	2.20		00.0		152											
			085	0030		027	361		25		Ut	02428	4	007	2	152 152											
			STE			027	361		25		0.0	2434	9	012	ì	152											
			085	0050		027	361		25							152											
			STO			027	36	4	25		0.0	2444	1	018	2	152											
			085	0075		027	301		25							152											
			DBS	0098		025	361		25							152											
			OBS	0100		847	359		25		0.0	2173	đ	0 = 4	U	152											
			STE			847 725	360		25		0.0	1782		0 Z R		152											
			085	0140		675	360		26		90	11/85	-	UZR	4	151											
			STE			651	360		26		0.0	1637	4	033	7	151											
			085	0150		651	360		26		0.0	, , , , , ,		0 - 1		151											
			085	0170	1 !	546	359	5.7	26	5.2						151											
			STO			4 A 9	358		266	8	0.0	11433	7	040	9	151											
			085	0200		489	358		266							151											
			085	0220		419	357		26							150											
			085	0250		105	357		26		00	1344	4	047	8	150											
			STO			247	356		261		0.0	12541		054	4	150 150											
			OBS	0300		297	356		268		. 0	1274		0 2 4	,	150											
			SID	0430	1 (387	353		270		00	1071		065	Q.	150											
			OBS	0400		347	353		270							150	0.5										
			STD			363	351		272		00	08936		075	7	149											
			OBS OBS	3500		735	351		272							149											
			085	0550 0555		759	350 350		271							149											
			STD	2630		727	350		270			07776		964	1	149											
			085	0600		727	350		274					. 04	1	149											
			085	9605	0 e	84	349	9.7	274							148											
			085	0640		19	349		270							148											
			085	116.70		0.7	350		279							148											
			STD	0700		70	320		276		ΟŪ	0584	,	3 4 0 4	Ģ	148											
			OBS	0700		70	349		276			0.1.5				148											
			085	0800		02	349		276 276			05158	5 1	1466	4	148											
			STD	0900		74	349		271		0.0	04904		D-1*	5	148											
			085	0900		74	343		27			. • .) •			-	149											
			STD	1000		58	344	C)	277		00	n4780		106	ė	148											
			OBS	1000		58	349		277							148											
			STD	1100		139	349		277		0.0]⇔686		1110	2	148											
			OBS STD	1100		39	349		277		0					148											
			OBS	1200		25	344		277			114675		1157	f	148											
			STO	1300		7.7	344		277			04558		1403	4	148											
			085	1300		- 7	349		277					- 0.2		148											
			510	1400		3 €	349	7	277			04588	1	:48		149											
			ÜBS	1400			349		277							149											
			STD	1500	0.5		344		277		00	04585	ļ	49 ء		144											
			UBS	1500	03	4.5	347	7.	277	14						149	15										

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18
December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

CE	SIM2				Dent t	MARS SQU	DEN	S#ATH	N T	ME	YEAR		_	ATOR'S		DEFTH	MAX. DEPTH	OB	WAVE SERVATIONS	WEA-	CLOUD			OCON
0.	CODE	LATITU	1/10	LONGITUDE 17/1	004	10"		MO D		P. 1/10	***	CRUIS NO.	E	STATION NUMBER		M0110#	S'MPL'S		संदर्ग स्ट ा इस	CO.01				NUMB
	RC	3540		60400v		115	50	12 1	\neg	93	1967	A54	. 00	2		4456		3.5	6 2	* Z	0 3			000
9 91	RCI	3540	514 1 0	1504004] [WA.	TER		UNI	BAR		AIR TE		VIS.	NO.	SPEC							
							COLDS	TEANS.	DIR.	POICE	MET	ER	OPY OPY	BULB	000	OBS. DEPTHS	OBSERV							
						Ì	D.T	50	32	532	15	_	80	155	6	27								
[MESSINGS		CARD			T^{T}		Τ,		1			IC VOLU		_	102	UND		PO4=P	101AL-F	N02-N	NO,-N	SI O4-5	
	MESSENGE TIME o HB 1/10	NO	TYPE	DEPTH	(n 1	1	€	\$	·	SIGA	1 - A A	ANO	MALTHE	0	10 ³	VEL	DCITY	02 ml/l	ы <u>р - 91/1</u>	µÿ • g+/1	µg - 81/1	yg - st/l	μg - α1/	1
																								į
			510				45	364		254		002	2501	7 0	000		277							
			085	000			145	364		254		00			025		277 279							
			STO				145	364		25		00	2504	6 0	025		279							
			085	001			145	364		25		00	2507	6 0	u 5 û		280							
	003		S10	002			145 145	364		25		00.		- 0	- / 0		280							
	003		510				142	364		25		002	2497	8 0	075		281							
			OBS	003			142	364		25						15	281							
			510	-			01	365	6	25	59	008	2325	8 0	123		275							
			085	009	0	2	101	365	57	25							275							
			STO				102	365		25		00	2331	6 0	181		279							
			OBS	00.			102	365		25							279							
			OBS	000			99	365		25			2283	7 0	239		282 275							
			510 085	010			72 72	365 365		25		00.	2200	, 0	2 3 7		275							
			510			_	926	365		26		0.0	1896	4 0	291		240							
			OBS	01:			926	365		26							240							
			STO				889	365		26		00	1812	5 0	337	15	234							
			OBS	015	50	1	889	365		26	27						234							
			STO	020	0 (821	365		26		0.0	1704	7 0	425		224							
			085	02			821	365		26							222							
			STO				785	364		26		0.0	1661	3 0	510		219							
			085	02			785 756	364		26 25		0.0	1639		59:		219							
			OBS	030			756	364		26		00	1000	, ,			219							
			085	03			698	363		26							211							
			085	031			656	362		26							201							
			510				572	360		26		0.0	1510	16 0	750	1.5	175							
			085	04	00	1	572	360		26	67						175							
			OBS	04			537	359		26							170							
			STO				373	357		26		0.0	137e	2 0	894		124							
			0B5	05			373	357		26							102							
			085	05			297 047	355 352		26 27		0.0	1113	. 1	U18		023							
			5 T I	06			047	352		27		00	111:		210		023							
			OBS				807	350		27		00	088	71 1	116		948							
			OBS	07			807	350				. •					948							
			OBS	07			654	349		27							896							
			511			0	605	349		27		00	0666	55 1	196		884							
			OBS	08			605	349									884							
			ST				546	349			63	0.0	0588	30 1	259		877							
			OBS	09			546	349			63	0 -	05/	,,	21.		877							
			STI				501	349			67	0.0	054	10 1	316		875							
			085	10			501 476	349			67 71	0.0	0516	52 1	360		882							
			ST OBS	D 11			476	34				00	U / 1 (,, ,			882							
			085	11			461	340			72						891							

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

318033	SHIP CODE	1694	1/10		DE 8	3	QUARE		(GMT		YEAR	CRUISE	STAT			DEPT		SERVATIO!		THER	CODES			NODG STATION
318033		161341						MD	DAY	HA 1 10		ND	Nuk		10 101104	S'MP		HGE PIR		CDDt	117) A-017		'	NUMBER
•		161341	UNIL					,		174	1967	A54 0	د ٥		4533		28	4 3		52	0 3			0003
M H	AFSSING#			U6Ü57	OWI	11		TER		WIND	1907	4 10	TEMP	₹	NO.] ']	1	12	0.15			00031
₩ H	AFSSING#						COLD		NS. DIR	SPEE	MET	ER DRY	T v	VET COS	Das.		PECIAL EVATIONS							
M H	AFSSING#						CODE	10	1 018	FORC	L [mb	*1 BOTB	81	ULB	DEPTHS			ļ						
H	AESSINGE						DT	S	28	5 3 5	96	8 158	1	34	3.3									
н		CAST	CARD		FTH (m)		1 °C		5 *4.		MA-1	SPECIFIC VO	LUM!	₹ Δ t	50	UND	Do ml/	PD	P 10	TAL-P	NO2-N	NO ₁ -N	51 C a=5	
	TIME 0	NO	TYPE	DE	PTH (A)		1 (, .,	310	, M A - 1	ANDMALT	-x10"	x 10	^ VEL	OCITY	0,1	NB - 41	/1 24	p ==++1	ug - al l	ug - ol 1	yg - at-	PH
								-																1
			STO	o o	000		218é	3	643	25	36	00262	ьû	0000	15	288								
			OBS		000		2188		6433	25	36					286								
			STI		U1U		21 45		643		36	00161	16	0026		259								
			085		010		2188		543L		36			005.		299 291								
	003		5T0 OB5		010		2188 2188		643 6430		36	00.63	77	000		291								
	00:		STI		0.0		2188		643		36	00264	3 %	(), 70		194								
			OBS		030		2188		5424		36					293								
			STO	0 0	050		2182	3	543	25	35	00264	36	0.131		296								
			OBS		050		218→		643U	25	- 5			616		246								
			510		075		2140		541		15	00 166	1.3	0198		371 391								
			085 510		100		2190		643c 643		15	00267	04	0465		301								
			085		100		2192		6431		35	36231		0-0.		3.5								
			STE		125		2193	3	643		34	00.768	8.7	0332	15	11.								
			085		125		2193		6431		34					310								
			STO		1-0		2193		b50		39	00265	1.2	0398		314								
			065		160		2104		6497 6604	25	130					314								
			OBS OBS		179		2172 1987		6597		0.3					266								
			STO		200		1937		657		15	06195	2.8	0.51		255								
			OBS	3	200		1937	3	6574	26	15					255								
			ST		250		18 ≠1		660		- 55	20153	41	0.0018		251								
			085		250		1891		5592		29					251								
			065		ZH4		1871		6557 654	26) 3 .) 3 n	30174		064		251								
			ST(085		300 300		18 + 7		6537		35	1011	1 4	004		246								
			ST		400		1774		647		948	00163	42	087		241								
			085		400		1774		6464		4 A					241								
			ST	D 0	15 Y Ü		1717		680		55	00106	49	164		234								
			085		1500		1717	3	6376		5.5					233								
			085		1513 1553		1712		6357 6237		554 551					240								
			085 085		1571		1635		6216		562					224								
			ST		600		1565		505		100	00157	51	120		200								
			OBS		600		1565	3	6062	26	500				1 5	206								
			ST		700		1342		570		9 A 7	00138	84	135.		140								
			085		700		1342		569R		5 / 7					146								
			085 085		721		1244		5547 5546		598 598					116								
			51		800		1078		534		710	0011+	0.2	147		368								
			085		606		1076	3	533H	2 '	710			-	1 9	068								
			ST	D 0	100		0782		5 ū Z		733	00040	7.7	158		971								
			065		0000		0782		5017		733					971								
			OBS		915		0780		5047		736	0007		1 - 1		973								
			STI		000		0638 0638		498 4983		751 751	00073	102	106		931								
			085 ST		100		0528		498 498		765	00158	178	173		903								
			085		100		0528		4992		765		-			0.73								
			ST	D 1	200		0477		438	2	7 7 1	00052	0.0	178		899								
			085		200		0477		4984		7 7 1					897								
			ST		300		0449		498		774	00050	100	163		3) 4								
			08°		300 400		0449		497P 497		774 775	00045	, c. 7	168		914								
			OBS		400		0428		4968		775	00.4		100		912								
			ST		510		0416		496		776	00045	31	174		724								
			085		500		0416		4463		7.1€	-				924								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

ict s	нір	LATITU	D.	LONGI	tune	± 5	MARSDEN SQUARE	STATION	TIME	16	AR	-		ATOP'S TATION		DEPTH	DEPTH	08	WAVE)NS	WEA-	CLDUI				NODC	N
ID.	3dc	. IIIu	1/10	LONGI	1/10	N DC	l l	MO DA				NO I	N 2	UMBER		MOTTOM	S'MPL'		HGT PER		0.007	TYPE A	e1			NUMBE	18
033 R	25	3628	5N	0611	145w		115 61	12 16	017		67		U Q 4	4 °C	Д	4700	_	30	9 4		×1	013	, (ĺ	000) 4
							CDLOR		42 p		BARO MÉTE Imba	0	RY	WET	CODE	NO. DBS DEPTHS	OPSERS	CIAL ARDNS									
							DT	50 3	2 5:		975	-	-	089	7	30											
**	111MG# 11M# 6	CAST	CAL	D	DEPTH :	lm i	1 °C	5 */	.	SIGMA	-1	SMCINC	VOLU-	M.I. D.	A D.	SOI VEL	JND DCITT	02 ml/	PD4		10741-P		NO VB	=N st-1	\$1 C #= 90 c 0		Þ
H	17/10							1	\top																		
			5	0.1	0000		2200	3045		2533		0026	48	6 0	000		291										
			08		000		22.10	3644		2533 2533		0026	.6.71	5 0	026		291 295										
			08		001		2200	3644		2533		0020	,,,		0 2 4		293										
				10	0021		2200	3645		2534		0026	55	5 0	u 5 3		294										
	003		08		002		2200	3644		2534							294										
			5	T D	0030		2200	3644		2533		0010	600	0	117 ₹		290										
			0.8		003		2200	3644		2531							296										
			OB.		004		2198	3643		2534 2531		0026	- 211	0 0	132		298 296										
				T D	005		2186 2186	3644		2991 2531		00.0	924	4 0			296										
			0.8	1 D	00.7		2154	3665		256.		00 %	a 1 3	7 0	195		294										
			0.8		007		2154	3665		256							294										
				TD	010		2122	3674		2571	3	002	266	3 U	253		291										
			ОВ		010		2122	3674		2571							291										
			08		011		2025	3640		2578		0.0.7		7 0	309		263 256										
				ĪD	012		1993	3640 3640		2581 2581		002	TER	/ 0	30.4		256										
			OB	5 T D	012		1986	3656		200i		00.0	168	4 Ú	362		260										
			OB		015		1986	365		2601							260										
				T ()	020		1893	3659	,	262	7	001	428	6 J	461		243										
			0.8		020		1893	3659	2 .	262	7						241										
			S	Ŧ D	0.25		1862	365		263		001	7нь	7 0	5 50		242										
			OB		025		1862	305		267		0.4.7	766	2 1			246										
				10	030		1835 1835	3654		263° 263°		0(1	100	, ,	034		245										
			OB	5 T D	030		1776	3646		2641		001		4	911		241										
			08		040		1776	364		2641		001					241										
				TD.	050		1715	3638		265		001	566	4 0	119		234										
			0.6		050	0	1715	363	76	265	F ₁						237										
			0.8	S	053		1697	3632		265							236										
				TD	000		1575	300		200		001	244	U 1	14.		234										
			OB		0.0		1575	360 357;		266. 2691		001	167	1 1	200		204										
				TD.	070		1335	357.		269		001	.) (7 1	_ ,,		144										
			0B 0B		072		1297	356		264							135										
				T D	287		1970	3534		271		001	140	3 1	414	1.5	965										
			OB		080		1070	353		271							1965										
			0.8		083		0945	351		272							024										
				TU	0.30		0818	350		273		0.00	444	8 1	514		985										
			0.8		090		0818	350		273		0011			60.		926										
			08	TD	100		0627 0627	349		275		9011	/ _ []		0.12		926										
				T D	110		0533	347		276		000	548	8 1	066		905										
			QВ		110		0533	349		276						14	905					•					
				TO	120		0487	349		277		0.00	54)	b 1	72°		993										
			ÚΒ		120		0487	349		277							0 3										
			0.8		121		0499	350		277					7.7		211										
				TD	130		0469	349		277		0.00	2 - 3		11		913										
			0.8		130		0469	344	Y	277		30.		10 1	63		918										
			08	10	140		0442	349		277		300					9 8										
				10	120		0427	349		277		000	441	7 1	80		929										
			OF		150		0427	343	-	277							1924										

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

	REFERENCE	SHIP				M/RSOEN SOUARE	STATION TI	ME	YEAR		VATOR'S		DEPTH TO	MAX	08	WAVE SERVATIONS	WEA-	, Jinois		NODI	- !
	CODE NO	COOE	•					1/10	16				801TOM				CODE		-	NUMB	(2
	-									100	-					1 1 1		1	-	200	-
	318033	IRC I	3644	IN I	061260WT					A IR TO		Τ,	· ·			19 12 1	1 / 1	013		000	10
								SPEED		>-	W E1	COD	085	SPE OBSERV	CIAL						
						CODE	i=i Oik	FORCE	Imbe	n BULE	BULE	1	OFFIHS								
STD 0000 2125 3043 2554 002494 0000 15272 15272 15274 15						DT	SD 27	530	94.	3 130	110	7	26								
STD ODO 2125 3645 2554 15272 15272 15274 15274 15274 15274 15274 15274 15275 150 100 1226 3644 2554 15274 15274 15274 15275 150 100 1226 3644 2554 15275 15275 150 100 1226 3644 2554 15275 150 100 15275 150 100 15275 150 100 15275 150 100 15275 150 100 15275 150		MESSENGE TIME HR 1/50	CAST NO.			7 %	5 */4.	SIGA	AA-1	SPECIFIC VOL	UM 6 5	△ 0 YN M X 10 ³	∧€FC 2OF		O 2 ml/l						C
1927																					
STD OUID 2126 364m 256m O0246 E677 STD OUIZ 2126 364m 256m O024511 OUIG E677 OUIZ OUIZ E677 OUIZ OUIZ E677 OUIZ OUIZ E677 OUIZ OUIZ OUIZ OUIZ E677 OUIZ	1	,		's t	D 000U	2125	3645	255	54	002449	1 0	000	152	72							
STD OUZO Zi2b 3644 2554 0024931 00449 15275		062		OBS	0000	2125	36447	255	54				152	72							
1510 0.020 2.124 3044 2555 0024931 0.04 15275				SŤ		2126	3645			002455	6 0	024									
1004																					
085 0130 2099 36-65 25-6 0236-8 0237 1526-9 1526-9										003453	1 0	049									
STD 0050 2096 36465 2566 0021983 7120 15271 15271 15271 15271 15271 15271 15271 15271 15271 15271 15271 15271 15271 15271 15271 15271 15271 15271 15274		004																			
STD 0050 2000 30472 2566 15271 15271 15271 1510 0075 2087 3048 2576 15274										002368	9 0	U / 1									
OBS										007360	, .										
STO 0075 2087 3648 2567 2567 15274 152										002108	3 17	1.0									
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Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

ERENCE ID NO	CODE	<u>L</u> ATITU	OE 1/10	LONGITUDE E	50 10°	SDEN UARE	STATION (GA			YEAR C	BUISE	STATION STATION NUMBER		DEPTH TO BOTTOM	MAR, DEPTH OF S'MPL"	000	WAVE SERVATIONS	WEA- THER CODE	CLOUD	-		NODC STATION NUMBER
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.000.		3.10				WAT	-	w	SPEED	BARO-	AIR TE	MP T	VIS	NO.	SPE	CIAL						
						COLDS	TRANS D	R.	OR TDPCf	M E1ER	DRY	WET	000	OBS. DEPTHS	OBSERV	A TION S						
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			STO			245	3643		251		002795	6 0	U 8 3									
			OBS	0030		245	3642	7	251						307							
			STE	0050		232	3641 3640	7	252 252		002782	4 0	139		307 307							
			085 085	0050		195	3632		252						298							
			STÜ			186	3634	L	253		002715	6 0	208	15	299							
			085	0075	4	186	3634	2	253						299							
			STO			2188	3652	-	254		002603	0 0	274									
			OBS OBS	0100		188	3651 3672		254	۷.					3∪5 311							
			STO			147	3614	-	257		002345	0 0	336									
			085	0125		147	3673	А	257	0				15	301							
			STO			2024	3665		259		002796	3 0	392		272							
			085	0150		024	3665		254						272							
			085 S10	0170		1954	3662 3661	1	261		001827	и о	490		256							
			085	0200		878	3661	n	262		001051	0 0			245							
			510			1872	3659		263		00179E	1 0	580		246							
			085	0250		872	3659	1	263						246							
			STE			828	3655		264		001733	4 0	669		241							
			085 STD	0300		1828	3655 3648	4	264		001669	, ,	d40		241 240							
			085	0400		773	3647	Q	264		001004	2 0	040		240							
			STO			729	3641		265		101667	6 1	U U 7		243							
			QBS	0500		1729	3641		265						243							
			OBS	0549		700	3633		265						242							
			085 STE	0571		1682 1615	3629 3618	9	265		001604	1 1	171		240 223							
			085	0500		1615	3617	А	266		001004	1 1	111		223							
			088	06.78		1457	3589		267						183							
			085	0683	1	417	3584	7	268	2		_			170							
			STC OBS	0700		409	3584 3583	ω	268 268		001426	7 1	323		170 170							
			085	0738		367	3574		268						161							
			510			397	3531		270		001217	5]	45,5									
			085	0800	1	097	3530		270	4					074							
			085	0403		0.76	3531		270						067							
			085 085	0813 0828		072	3533 3521		271						860 038							
			085	0847		1970	3519		271						335							
			085	0867		811	3448	8	272					14	976							
			OBS	0890		787	3496		272						970							
			STO			3747	3489		272		000941	7 1	563		956 956							
			08S	0900		0747 0707	3489 3489		272						942							
			085	0942		0685	3494		274						939							
			085	0947		706	3498	7	274						949							
			OBS	0965		9693	3496	7	274						949							
			085	0970		0668	3496		274						937							
			OBS	0990)656)629	3497	1	274	1 1	000724	7 1	04h		936							
			085	1000		0627	3497	2	275	1		. 1	- 40	-	227							
			085	1020	(1596	3497	е	275	6				14	917							
			085	1040)594	3497		275						920							
			085	1068		1540	3444	5	276	2			714		903							
			ORS)529)529	3496	2	276		JC 16 U 3	1 1	713		9 J 1 9 J 3							
			STE	1100		1529 1497	3498	7	276		000560	2 1	771									
			OBS	1200		0497	3497	В	276	8		- *			907							
			5 T [1300	(1458	3478		277	3	007517	. 1	025									
			085	1300)458	3498	÷	277						3.8							
			510 085			0443	3490	2	277		000447	1 1	075		919							
			OBS 510	1400)443)425	3499		277		00n4H3	1 1	924		928 919							
			085	1500		0425	3499		277			, ,	_ ~		928							

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

FRENCE ID.	SHIP	LATITI	JOE	LONGITUDE	PED TE	MARSDEH SQUARE	STATION T	IME	TEAR	_	-	ATOR'S		OEPTH	MAX	1 -	WAVE		W£A-	Crand	T	T	NOOC
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			STO			2207	3633	252		002	753.	2 0	U 27	152	293								
			085	0010		2207	36333	252						152									
	004		STE	0020		2207 2207	3633 36330	252		002	75 A	3 0	055	152									
	0.4		STO			2207	3633	252 252	3	002	762	8 0	082	152 152	196								
			085	0030		2207	36330	252						152									
			STO			2207	3633	252		002	770	0	138	153									
			08S	0050		2207 2207	36330 36337	252 252						153 153									
			STE			2216	3654	253		202	655.	2 0	205	153									
			085	0075		2216	36537	253	6					153									
			OBS	008		2212	36588	254		_				153									
			STO	0100		2149 2149	3663 36629	256 256		002	4196	0	469	152									
			OBS	0112		2097	36645	257						152									
			STE	0125		2078	3666	258		002	221	7 0	327	152									
			OBS	0125		2078	36658	258						152									
			STC OBS	0150		2032	36656 36656	259		002	1136	0	3 H I	152									
			STD			1919	3658	252		001	BIBE	4 0	481	152 152									
			OBS	0200		1919	3658₩	202		001	.,,		.01	152									
			STD			1861	3654	263	1	001	808	3 0	574	152	42								
			OBS	0250		1861	36537	263						152									
			STD OBS	0.300		1797 1797	3648	264		001	714	0	662	152 152									
			OBS	0369		1725	36352	265						152									
			STO	0400)	1721	3639	265	5	001	632.	. 0	829	152									
			085	0400		1721	36384	265						152									
			08s 08s	0415		1719 1585	36387 36111	265						152									
			510			1548	3676	267		201	510.	0	486	151									
			085	0500)	1548	36057	267						151									
			OBS	0565		1417	35817	268	C					151									
			OBS STO	0581 0600		1407 1326	35838 3569	268		00.			1 2 0	151									
			085	0600		1326	35687	268		001	337.	. 1	129	151 151									
			OBS	0621		1306	35677	269.						151									
			OBS	0629		1270	35617	2699	5					151									
			085	0644		1258	35611	269						151	∪8								
			OBS STD	0690 0700		1007 0978	35218 3521	2713		001	. 4 4 9	. 1	46	150 150									
			OBS	0700		0978	35215	2716		001	. 4 9 1	1.	2 4 0	150									
			085	0764		0866	35099	272	7					149									
			OBS	0770		0831	35096	2732						149									
			STD OBS	0800		0770 0 7 70	3501 35006	2734		000	880t	, 1	345	149									
			085	0827		0708	34484	274.						149									
			SID	0900		0577	3498	2751	9	000	6344	1	420	148	9.0								
			065	0900		0577	34977	2758						148	90								
			STO OBS	10n0 10n0		0507	3497	276		000	5551	1	480	148									
			STD			0467	34972	2769		000	5307	1	234	148									
			OBS	1100		0467	34949	276	2	200				148									
			085	1182		0452	34972	2773	3					148	86								
			08s 510	1183		0462	34986	2773		200				148									
			OBS	1200		0459	3497"	2773		000	0048	1:	86	148									
			OBS	1205		04:9	34771	277						148									
			085	1211		0440	34960	2773	3					148									
			OBS	1224		0452	349 R R	2774						148									
			STD	1300		0442	3499 34992	2776	5	000	4868	10	36	149									
			065	1300		0442	34992	277E						149									

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

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REFERENCE CIRT ID	SHIP	LATITU	DE	LDN	GITUDE	MOC (M / RSD	EN IÉ	STATION	TIME	,	TE A P	CRUIS	ORIGIN E S	ATOR'S TATION		DEP	D	EFTH OF	280	ERVA.	E NONS	WEA-	CLODE			STA	TION	
CODE NO.	COOL		1/10		11/10	2	10*	1"	MO DAT	HR,1/	10		NO	*	U M BEA		8011	-,	en PLTS			18 STA		*135 A.S			-	MBER	
318033	I RC 1	3754	ON	06	2100w		115	72 WAT	12/10	VINC		967	A5-	AIR TEA			49] NO			3.2	5 1		* 1	0 3			0	008	
								ODE	TRANS D		EED DR IRC.E	METE	8	DRY BULB	WET	COD		5 1	SPEC RSERVA	TIONS									
							-	D T	SD 3		30	93	-	089	049	+	3.7	7											
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	230		08	S	0000		15	10	3517	5 2	261	0					1	1507	19										
			08	TU	0010		15		3517 3517		261		0.0	1918	3 0	V19		1508 1508											
				n TD	0020		15		3517		261		00	1922	2 0	038	.]	1508	1										
			0.8		0020		15		3516		01		0.0	212.17	2 0	U 5 7		1508 1508											
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			Ē	T D	0050		15	11	3518	à	01	0	0.0	1934	8 0	1096		1508											
			08	5 † D	0050		15 15		3517 3519		261		0.0	1943	2 0	144		1508 1509											
			08		0075		15		3518	7 2	261						1	1509	3										
				TD.	0100		15		3531		01		0.0	1912	2 0	192		1510 1510											
			OB S	S TD	0170		15		3531 3543		165		00	1929	7 0	240		1514											
			0.8		7125		15	83	3542		01							1512											
			OB.	T D	0150		15		3550 3549		261		0.0	1904	, (288		1513 1513											
			08		0171		15	90	3578	9 2	263	q					1	1514	0										
			08		0178		15. 15	29	3578 3585		265 266		0.0	1503	2 .	3 7 4		1512 1512											
			08	T U	0200		15		3584		266		00	1300	3	1774		1512											
			0.6	ς	0536		13	3.7	3565	5 2	26P							1506											
			08		0250		13 13		3560 3559		268 268		0.0	1269	8 0	14 6 3		1505 1505											
			S	TD	0300		12	27	3552	2	269	6	0.0	1187	3 0	504	- 1	1504	e C										
			0.8 0.6		0300		12.		3551 3534		269 270							1504 1500											
			08		0376		1-	5)	3528	3 2	271	J						1498	3.7										
				TD	0400		43		3524		271		0.0	1017	b (015		1497 1497											
			08 08		0400		0.9		3524		271							1496											
			08	5	0460		Ú P	25	3516	7 2	272	3					:	1495	54										
			5 08	T D	0500 0500		0.7		3496		273 273		0.0	C 8 7 3	5 0	7 19		149) 149)											
			08		7510		07		3500		273							1495											
			0.6		0520		0.7		3504		273							1490 1488											
			08		05 R I		Ü6		3500		274 274							1487											
			S	TD	16.00)	0.6	56	35.1		275		0.0	680	7 (7.HT		1487											
			08 08		0610		06 06		35U0 3439		275 275							1487 1486											
			08		0658	3	0 %	82	34 47	2	275	7						1489	5 4										
			0 B	10	0713		05 05		3497		275 276		0.0	577	1 0	85		1484 1484											
				D TU	0400		Üu		3497		27h		0.0	0518	6 0) + U 4		1484											
			0.9		0800		0 4		3497		276							1484											
			S GB	TD S	0470		94		3497		277 277		30	0455	н (1754		148: 148:											
			5	TU	1 - 70	j	J4	ĹΗ	3498		277	6	0.0	0450	5 (199	4	1484	45										
			0.8	to to	1000		U4	2 a 1 6	3491		277 277		0.0	0444	8	£44		1484											
			08		1100)		16	3497	7	277	-						1485	5.7										
			,	ΤĐ	170	j	U4		34+1		277		00	0444	8	LLBY		148 148											
				TO:	127		04 03		3491		211 277		0.0	- 44 44 44	5	13		148 1488											
			08		130)	03	90	3497	7.3	277	9						1488											
			0 B	T.	140		0.3	87 87	3496		278 278		0.0	0441	6	178		1489											
			0.8		140		03		349		278							149											

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

EFERENCE	SHIP					PRSOEN	ST	ATION 1	IME		T	OPIGIN	ATOP'S			PTH	MAX		WAVE	WEA	1.				MEDG METON	٦
ID.	CODE	LATITU		LONGITUDE	5 2 1	QUARE		IGM 1)		TEAR	c		OIT A TIO		801	10	OF		ERVATIONS	COLE				5	ACITA". BIESKUL	.
+	1		1/10	1/10	-+-		MO	OAY			_				+-	-	STAN PL'S	0.0	म ं त्रा हा					+		-
318033	I PC I	3816	2N I C	162400#	11	15 82 WA	12		VIND	196	_	A 54 OC			4-	10		31	5 3 ;	X]	0 3				0000	4
						COLOR	1841	27	5921	0	ARO-	OPY	WET	- VIS	. 0	10.	SPEC VASSEC									
						CODE	140	UIA.	08 FO#0	4 (10	nhel	BULB	BULI		OE	PTHS										
						DT	50	3.2	523	9	70	080	04	8	2	9									_	
	MESSENGE	CAST	CARO	OEPTH IM	., [T *C		5 *4.	310	I-AM	5	PLCIFIC VOLU	M.	S A C	2	SOUN		Ozmli	PO ₄ -P	1014L=#	NO7=h	NO:	- N	· s	D.M	
	HR 1/10	T NO	TYPE	000.00	"				,,,,	,		ANOMACT-E	27	1 103		VELOC	111	0,,	µg = 0?	NB 41	Hg - 01	₽¥		. 01	- "	
											Т												7			
	,		STO			1732		511		54	(002455	5 i	000		151										
	047	,	085	0000		1732		5107		54						151										
			STO			1732		510		54	(002460	5 () U Z 4		151										
			085 STI	0010		1732		105		54	,	002463	8 (049		151										
			085	0020		1732		5104		54		302403				151										
			STO			1732		511		54	(002465	2 (073		151										
			OBS	0030		1732	3 9	5107	25	54						151										
			085	0037		1732		112		54			_			151										
			STI			1769		70		90	(002128	8 (119		151										
			085	0050		1769		5697		90						151										
			OB5	0075		1539		5172		21	,	001839	3 /	169		151										
			085	0075		1671		5797		21		301034	- '			151										
			510			1921		566		25	(001814	a (0 - 15		152										
			085	0,00		1921		5557		25						152										
			STI			1879		556		29	(001787	1	260		152										
			QB5	0125		1879		5565		29						152										
			STI			1835		551		136	(001729	1 (304		152										
			085	0150		1935		510		36						152										
			085 STE	0176		1857		9458 527		51	,	001558		7.8 E (152										
			085	0700		1697		267		51	,	001275	. '	, , , , ,		151										
			-11			1976		504		ibh	(001473		464		151										
			085	0250		1576		SUR7		66						151	5.2									
			STO			1389		76	26	81	ĺ,	001330	9 (534		15∪										
			085	0310		1389		5757		HI						150										
			085	0328		1249		5575		96						150										
			065	0373		1210		5544		7G 1	,	001110		r .		150										
			055	0400		1092		32		70.5 70.5	(061110	4 (0651		150										
			085	0438		1002		5237		115						149										
			085	3444		0933		5217		125						149										
			510			U834		11		132		nn 859	6 (754		149										
			089	0500		0834		6697		132						149										
			STO			Jr. 54		+98		5.2	(000667	9 1	831		148										
			085	0600		0634		1982		15.						148										
			110			0527		498 4977		166	(000542	1 1	1891		148										
			OBS	0300		0495		4977		168	,	000516	4 (944		148										
			OBC	0900		0495		971		16 P	,	0.2711.2.4.0	- '	,		148										
			518			6466		·98		77.	(000463	4	994		148										
			085	0.400		U466		983		7.2						148										
			STU			0444		440		774	(000468	8	042		148										
			Ues	1000		(449		1087		774						148										
			5.10			0417		499		76	-	000462	7	ાં તક		148										
			065	1170		U+17		189		776		202.00	,	1 2 5		148										
			STE	1200		0424		448 4972		176		001-64	U	135		148										
			110			0424		447 443		7.8	-	001460	9	181		148										
			063	1300		0415		179		78						148										

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

RENCE	SHIP	LATITU	0.	LONGITUE	. :	MA	SDEN UARE	51 A	TION TI	ME	YEAR			ATDR'S		DEPTH	DEPT		WAVE ESERVATION:	Y	WEA-	CLOUD			HODE
ID.	CDDE	LATITU	1/10		ZE 1/10	10*	112		DAY	g.1/10	76.41	CRU	O.	STATION NUMBER		10110A			HGT FEET	1 4	DDE	TIPL AWI			NUMBER RESMUN
8033	RC	3835	5 N	062545	b W	115				70	1967	A S	54 01			4883		31	5 3		X 1	0 3			0010
							WA	1	+	IND	BAR		AIR TE		vis	NO.	5 P I	CIAL	1						
							CODE	TRANS	DIR.	10101	MET		DET	W ET	000	DEPTHS	DESER	ATIONS							
							0.7	SD	32	535	97	1	073	050	7	27			1						
	MESSENGE TIME	CAST	CAR	p p	TH (m)	T	1 6	١.	٠/	FIG.	AA-T	SPEC	SIFIC VOLL	wt 3	A D	50	UND	0 2 m1/	, PO a=P	1014	1-1	NO ₁ -N	ND3-4	3104-	5,
	HR 1/10	NO	TYP	t Der	THE UM?			,	***	3167		**	OMAL1-3		1 10 ³	YEL	OCITY	0 3 mi)	µg = ±1/1	no.	4171	µg = 61/1	PB - 6171	ya - 61	
			51		000		1567	35		26		0.0	1899	0 0	000		106								
	070	1	089		000 010		l587 l587	35	427	26 26		0.0	1903	0 0	019		106								
			089		010		1587	-	426	26		0 (31403	0 0	014		108								
			51		320		1587	35		26		0.0	1907	1 3	038		110								
			089		020		587		425	26							110								
			5.1		030		1587	35		26		0.0	1910	2 0	057		111								
			089		UFL	3	587	35	425	26	12						111								
			5.1		J =, U	3	587	30	43	26	1.2	0.0	01915	5 J	U95		115								
			OB9		350		1587		426	26							115								
			ST) 7 5		1592	35		26		0.0	1922	5 0	143		120								
			089		75		1592		442	26							120								
			085		J85 100		l626 l597	36	837	26 26		0.0	01486	6 0	186		134								
			083		100		1597		067	26		0 (01400	0 0	.00		134								
			089		113		594		0.75	26							135								
			51		125		1494	35		26		00	01374	2 0	221	15	104								
			039		125	1	1494	35	927	26	7.2					15	104								
			5.1	0 (150	1	1448	35	8.6	26		0.0	01321	9 0	255		093								
			08:		150		1448		877	25							093								
			ST		200		1373	35		26		0.0	01568	4 0	320		075								
			089		500		1373		759	26					7.0		075								
			51		250		12/12	35		26		0 (01171	4 ()	381		022								
			081		25U 100		12 2 In 73	35	457 30	26		0.0	01067	a a	437		983								
			039		300		1373		297	27		0.0	11101	0 0	,,,		983								
			389		365		939		187	27							942								
			ST		+nu		761	34		2.7		0.0	00822	2 0	>31		880								
			083		400		761	34	975	27	3.3					14	880								
			SI	D):	Or c	0	612	34		27	5.3	0.0	00634	8 0	604	14	837								
			089	. 0	5.20	0	0612		967	2 7							837								
			5.1		5.70		1510	34		27		0 (00528	8 0	662		816								
			08.		- 20		0519		965	27					7		816								
			51		700		0482	34		27		0 (00486	6 0	713		818								
			089		7 j i i i i i i i i i i i i i i i i i i		0482 045 7	34	476	27 27		0.0	00466	4 7	761		818 824								
			069		8 ji 0)457		976	27		0 (10466	4 0	.01	_	824								
			SI		400) 447	34		27		0.0	00462	4 0	807		837								
			085		300 €		0447		479	2.7							837								
			51		100		0432	34		2.7		0.0	00453	2 0	853		847								
			083		100		0432		479	2.7							647								
			SI	D 1	100	-	0417	34		27		0.0	00447	8 0	938		857								
			089		100		0417		975	27							857								
			SI		200		0408	34		27		00	00445	9 0	943		870								
			081		200		1406		975	27		-		,	007		870								
			SI		300 300		0401 0401	341	97 972	27 27) (00448	1 0	487		884 884								
			0B9		400)4JI)392	34		27		0.0	30445	9 1	J32		897								
			089		400		392		972 972	27			55445		- 56		897								
			51		-00		3337	34		27.		0.0	00446	8 1	077		912								
			089		513		187		-73	27		-					912								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

FERENCE	SHIP				. :	MAR	DEN	STATE	ON TIM	E		T	DRIGIN	ATOR'S		DEPT	DEP		- w	VAVE EVATIONS	WIA-	CLOUD			NODE
IT ID.	COOF	LATITU	1/10	LONGITUDE	P DOM	sau	- 1		MTI		TEAR	CRUISI	S	TATIO		10		e l			THEP	CODES			NODC TATION NUMBER
+	26	2200			+	- 10	T	MO 0			0/3	1	+		•		w 2.m1		-	GT PI 0 31	-	1981 A.V	*	+	
18033	RC	3 9 0 0	ONI	063162w	1	115	93 WA	12 1	7 13		967	A54	O1		_	4846	- 1		31 7	7 3	X 2	0 3		1	0011
							CDLOS	TEANS.		SPEED	MET	· -	Cay	WEI	VIS.	NO.		PECIAL	L						
							CODE	in.	OIL	101CF	Imb		IULE	BULB	100	DEPTH	2 CRZE	FVA III	ONS						
							DT	SD	32 5	35	99	9 0	82	046	7	32	T								
	MESSENG TIME	CAST	CAR	O DEPTH		Τ.	£	,		SIGM		SPECIFI	C ADIN	we	E ∆ D	51	DUND		T	FO ₄ -F	7074L-F	N03=N	NO1-N	SI Da = S	
	HR 1/10	NO NO	TYP	E DEFIN	('	C	Ι,	···	SIG M.	A -1	ANON	ALT-81	" '	X 103	VE	100171	0,	₩121	29 × 81 1	wp - 61 1	ug - 91 1	vg at	yg - 67	рм
		1		-				1	\neg									-						-	
	1		ST	ວ່ ວວດ	0	14	99	352	7 '	262	0	001	8284	. ' :	000	15	077		-						
	130)	085				.00	352		262						15	077								
			ST				01	352		262		001	8314	• 0	018		079								
			OBS				501 502	352		262							079								
			ST OBS				502	352 152		262		001	8344	• (1036		081								
			51				103	352		262		001	8392	, 0	055		083								
			085			1 4	103	352		262							083								
			ST				04	352		261		001	8470	0	091		087								
			385	005			5 Ü 4	352		261							087								
			085 ST	007 D 007			18	353 354		262		201	776		136		092								
			085	007			18	354		263. 263.		001	7253) (1.15		098								
			065	000			47	354		264							130								
			ST	0 010	0	15	5.7	360		266		001	4046	0	1 35		121								
			035	010			5.7	360		266							121								
			ST				104	359		267		001	3681	. 0	410		109								
			085 51	012 D 015			29	358		267		001	2 - 2 -				109								
			OBS	015			19	358		268 268		001	2076	, ,	243		083								
			065	018			ÚS.	357.		2681							083								
			ST	020	0	1 :	41	357		268		001	2493	0	337		064								
			085	020			41	356		268						15	U64								
			ST				34	353		27ŭ		001	1023	0	365		9 - 8								
			OBS	025			34	353		270							998								
			ST 085	D 030			1.1	352		271		000	≠o 75	0	· 17		957								
			065	030			a i	352.		271							950								
			085	73.8			23	350		272							890								
			085	0 10	Ž.		9.6	350		2735	5						890								
			5 T				56	349		273.		007	8126	. 0	506		878								
			085	040			55	349		273							878								
			0BS 0BS	04R 049			87	349		275							835								
			51				73	349		275		000	5796		576		850								
			055	050			70	349		275							821								
			51			04	19	3401		276		000	4447	' 0	629	14	806								
			085	060			95	349		276							8:8								
			ST				48	3491		277.		000	4578	0	677		804								
			QB3 ST	070 080			4. 0 2.8	3496		277		000	4413		722		812								
			035	082			28	3490		2771		COL		. 0			812								
			5.7				22	349		2770		000	4242	. 0	765		826								
			085	090		04	2	34+	34	277	ñ					14	826								
			ST				25	344		2771		000	4 i i i i i i i i i i i i i i i i i i i	. 0	5∃8		844								
			085 51	107			25	349		2778		00-					844								
			085	110			U4 ()4	349		277		000	4240	- 0	851		852								
			511				88	349		2780		non	4190	0	693		862								
			085	120			88	347		2780		200					862								
			ST				80	3498	4	278.	1	000	4183	0	935		875								
			083	130			80	349		278							875								
			27				76	3491		278		000	4 z 2 1	0	977		891								
			065	140			76	349		278		000	1.00		- 10		891								
			5 TI 25 S	D 150. 1501			68	3498		278. 278.		000	+198	1	ij19		904								
			202	1.57.11	_	V 3	0.0	344	10	4100	-					14	904								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

																								_
REFERENCE	SHIP	LATITU	ns l	ON	SITUDE E	M/1	SDEN	\$1.4	TON T	IME	TEAR	_	ORIGINA		_	DEPTH	DEPT	H DR	WAVE SERVATIONS	WEA-	CLOUD		NODC STATION	.]
CODE NO.	COOE		1/10		1/10	10"		MO	DAY		***	CRU!		UMBER		101104	S,W SF		HGT FERT SEA				NUMBER	
319/33	_	3 449	741			115		1.2			1967	A 5	4 012	>		4060		32	7 3	X 2	0 3	-	001	2
. 319: 33	1 - 1	2 449	(14	~ 0)	260 W I	117	WA			WIND	8480	_	AIR TEM		Τ,	NO	1		1, 121	1 64	1 0 1 2		001	-1
							COLOR	TEAN	S OIR	19110	METE		091 8UL#	WET	CODE			ECIAL IVATIONS						
							COOE	-	+.	TORC		-+		1015	+		 							
				_		,	DT	50	3.2	535	01	6]	067	051	-	29	L	,						$\overline{}$
	M#111NG# 1/ME - 0 HB 1/10	CAST	CART	p	OFFTH (m)		7		. 4.	316	MA-T	SPECH	HC VOLUA	ņt }	A O		UND	02 ml/l		10TA;-+			O4-5: pH	. [2]
	HR 1/10	1	1446	,		-		-		1				-	a 101	111	OCITY		pg = e1/1	94 etcl	ug · arri	μg - 61/1 μ	9 - 01/1	c
				1				1		,				-				1					1	11
			S.T		3700		503		34	2.5		00	17795	· 0	000		079							
	174		085 13		0000 0010		503		345	26 26		00	17861	_	Ū17		079 081							
			085		0010		505		346	26							081							
			3 T		0020		537		35	26	24	00	17409	, 0	∪35		084							
			085		0:20		507		349	25			. 7076		263		084							
			16 085		0035		537 537		350	26		00	17939	, (053		085 085							
			3.1		11050		508		35	26		0.0	17981		089		089							
			085		0053		508	35	355	25							089							
			S.T		0075		507		36	26		00	18066	5 0	134		093							
			065		0075		509		355	26							093							
			083 51		0130		480		43	26 26		na	16617	, .	178		090							
			133		0100		480		482	26		.,,	1001		210		390							
			ST		0125		349		63	26		00	12934	. 0	214		053							
			085		0125		349		631	26							053							
			ST 055		0150		267		53 532	26 26		0.0	12120	> 0	246		029 029							
			51		0200		277		36	27		0.0	10070	0	1 ټو		964							
			085		0230		077		357	27							969							
			5.1		0250		948		1 ∺	27		0.0	0.4286	0	350		928							
			085		0250		948		183	27					40.		928							
			085		0370		827 827		J7 J75	27		0.01	08318	, ,	394		890 890							
			5.7		0400		526		UO.	27		0.0	06112	: 0	466		827							
			053		0400	U	626	3 %	U) 5	2.7						14	827							
			085		0456		547		970	27							804							
			085 ST		0460 0500		528 497		957	27		20	05105		522		797 790							
			383		(>00		497		937	27		0.5	0,10,	_			740							
			085		0520	J	502	34	981	2.7	68					14	796							
			085		3540		502		987	27							800							
			5.7		0600		4.77		98	27		00	04657	7 3	>71		799 799							
			085 ST		0600		477		480	27		0.0	04411		015		807							
			285		0700		455		942	27		00	0		• • •		807							
			ST	D	0300	- 0	445		0.0	27		00	04330) [660		819							
			095		0800		445		201	27					~		919							
			ST OBS		0200		432		909	27		0.0	04291) (703		831 831							
			51		1000		437		78	27		0.0	04242		746		837							
			085		1000		437		977	2.7							837							
			5 T		11n0		395		∀8	2.7		00	C 4 1 8 1		788		848							
			035		1100		388		978	27		0.0	04193		1029		848 862							
			51 085		1250		388		977	27		00	04130	,	029		864							
			ST		1300		350		98	27	91	0.0	04175		871		876							
			OBS		1300		380		978	27							876							
			ST		1400		372		97	27		00	04181	1 0	913		889 889							
			0BS		1400		1372		198	27		0.0	04198	3 (945		904							
			385		1500		368		976	27		- 0					904							

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE						MARSDEN	STATION	. 1114	_	_	DRIGIN	ATDES			MA	¥	AAVE			_	- —		
C187 ID.	CODE	LATITU		LONGITUDE	20	SOUARE	IGA	ATI	YEAR	CRUI	s t	STATION		DEPTH TO	DEPT	H 08	SEESATIONS	THER	CODES			STA	TIDN
CODE NO.	1		1/10	1710	\vdash		MD DA	HR,1/1	•	NO	1	NU M BER		BOTTOM	2,44.6	L"S D.0	HOF MA SI	CODE	1791 44	1		NUZ	V 8€2
318033	HRC 1	3925	ON	0 6 3330w	1		12 17	-	1967	A 5				4709		32	6 3	1.2	103			0.0	013
						W.A	·	WIND	BAS		A IR TE	_	VIS	ND.	S	PECIAL							
						CDLD#	TRANS D	IR. 0	ED MET		DRY	W ET BULB	COD	DEPTHS	Dese	RVATIONS							
						DT	SD 3	$\overline{}$		\rightarrow	067	048	-+-	28	_		1						
	w1551×64	T					10012	-155	-155	T +		· ·	_			-							
	TIME	인 NO	CAR		m1	1 6	5 *4	. 51	GMA-T	ANO	MALT-1	5F 6	103 X 103	VEL	UND DCITT	02 mi	PO _a =P	10141~F	NO;=N va - ot	NO1-	N 1	C5 .	βН
	HR 1/10	+			-+					-		+	1 10°			-				*Q 0			
	1	l	1 51	D 0000	.	1659	3583	1 2	631	0.0	1722	, I	000	1 5	134	1						!	
	233		085			1659	3588		631	00	1122	4 0	000		134								
			ST			1661	3588		630	00	1735	7 0	317		136								
			085			1661	3567	9 2	630					15	136								
			ST			1662	35 ხმ		029	0.0	1742	5 0	034		138								
			OBS	0020		1662	3587		629						138								
			ST 085	D 0030		1663	3588 3587		629 629	00	1748	5 U	052		140								
			51			1662	3588		629 629	0.0	1752	3 0	087	15	140								
			085	3050		1662	3587		629	00		- 0	-01	15:									
			ST			1000	3587		529	30	1761	. 0	131		146								
			085	0075		1660	3587		629		_			15									
			ST			1414	3574		575	0.0	[334	5 0	169	150	572								
			085	0100		1414	3574		675					150	_								
			085	3110		1434	3563		578					15									
			0B5	0125 0125		1382	3578 3576		585 585	20.			202	15									
			085	0125		1371	3575		585	JU.	1245.	2 0	202	150									
			085	0134		1365	3574		585					150									
			ST	0150		1273	3554		86	001	221	7 0	232	150									
			085	0150		1273	3553	5 Z t	588					15	31								
			≎85	0190		1171	3542		7 O U					15									
			085	0193		1141	3534		703					140									
			STI			1127	3537		703	00	į 0 87.	3 0	0	14									
			OBS STI	0200 0250		1127	3536		703 715	350	981		41	149									
			STI			0889	3514		726		678		342 360	149									
			085	0300		2889	3513		725	.,			- 00	144									
			ST	0.400		U651	35.2		748	000	677	1 0	406	148									
			085	0400		ũ681	35.10		748					148	949								
			ST			0532	3498		764	0.00	5244	• 0	526	148									
			085	0500		053.	3497		7 E 44					148									
			085 STI	0550 0560		0520 0487	3498		766 770	0.07	14778		576	148									
			085	0500		0487	3498		770	001	-4//	, ,	- 10	146									
			ST			0455	3498		773	200	1450	0	623	148									
			095	0700		0455	3497		773					148									
			ST			0435	3498		776	000	4340	o J	667	148	315								
			ST			0419	3498		778	000	4236	0	710	146									
			CBS	0.400		0419	34989		778					1 4 8									
			5T0) 1000 1000		04J8 04J8	3498		778 778	000	4249) (752	148									
			ST			0396	3448		779	000	4201		795	146									
			085	1100		0396	3497		779	500				148									
			ST			0387	3497		78 U	000	4196	0.0	537	148									
			085	1200		3387	34975		7 H Ü					148									
			STO			0381	3497		181	000	4204	0.	379	148									
			OBS	1300		0381	34379		81					146									
			STO			0372	3497		192	000	4181	1 0	920	148									
			QB5 ST8	1400 1500		0372	34975		18L 182	000	4186			148									
			085	1500		0367	34977		92	001	-100	, 0	162	149									
			200	. ,0		-201	/ /	٠ .						140									

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE					MARSDEN	STATION T	1446		DAIGH	ATOR'S		DEFTH	MAI.		WAVE	WFA:	CLOUD	T			
CTAT ID.	CODE	LATITU		DINGITUDE \$8	SQUARE	(GMT)	1	TEAR	CRUISE	STATION		10 10110M	DEPTH		ERVATIONS	THER	CODES		ST.	DDC ATION	
CODE NO.	-		1/10	1/10	10. 1.	MD DAY				NUMBER	_	-	S'MPL'S		HGT PIR STA	+	TEN AMI		- + -		
318033	lac I	4013	54 10	64220w	151 04			967	A54 01		_	4535		32	8 3	X 1	1 0 3	ł	0	0014	
					CDLOR		SPEED	BABD- METER	A4R 1E	MP C	VIS	NO DES.	SPE OBSERV	IAL							
					CODE	TRANS DIR.	PORCE	(mbal	∎ui.∎	BULD	000	DEFTHS	OBSERV	× 110m3							
					DT	50 33	535	102	063	056	6	29									
	MESSINGS TIME	CAST	CARD	DEFTH (m)	1 %	\$ 14.	SIGM		SPECIFIC VOL	JAR 3	A D	501	סמע	02 @1/1	104-1	101AL-F	NO2-N	NO3-N	SI O 4 - 5:		ŝ
	HR 1/10	Ť ND.	TYPE	Dirin om)	1	1	3100	`^-'	ANOMALT-E	'"'	x 10 ³	VEL	DCITY	Q2 10021	pg = 01/1	## · #1/1	ug - a1/1	pg = al/)	µg - 81/1	рН	č
														-		1					Τ
			STD		1604	3576	263		001694	4 0	Ú00		116								
	046	5	085	0000	1604	35758	263		001703		017		116 119								
			STO	0610	1608 1608	3576 35762	263 263		001703	9 0	1017		119								
			085 510	_	1608	3577	263		001700	7 0	034		120								
			085	0020	1608	35770	263		001.00				120								
			510		1608	3577	263		001703	9 0	051		122								
			085	0030	1608	35770	263				^		122								
			STO		1608	3577 35773	263		001708	5 0	085		125 125								
			085 STD	0050 0075	1508 1609	3578	263 263		001711	9 0	127		130								
			085	0075	1609	35782	263		001/11				130								
			085	3036	1591	35789	263	39				15	128								
			STD		1562	3571	264		001672	1 0	170		118								
			OBS	0100	1562	35707	264						118								
			085	0110	1387 1335	35665 3564	267 268		001261	5 0	206		064 049								
			ST0 085	0125	1335	35637	268		001201	, ,	-00		049								
			510		1286	3559	269		001209	8 0	237		036								
			UBS	0150	1286	35592	269						036								
			310		1139	3543	2.70		001065	3 0	1294		992								
			085	0200	1139	35427 3520	270		000949	v. c	344		992 935								
			510 085	0250	09 67	35197	271		000.444	,4	1244		935								
			510		0358	3511	272		000850	8 0	389		902								
			185	0.100	0859	35109	272					14	902								
			STD		0652	3497	274		000000	2 0	465		837								
			OBS	0440	0652	34975	274						837								
			065	1500	0579 0535	34925 3496	279		000539	1 0	526		911 806								
			31D 365	2500	0535	34962	276		000000	, ,	, , , ,	_	806								
			085	2540	0509	34977	276						802								
			UBS	0549	0497	34979	276	9				14	797								
			< T C		0489	3499	277		000473	16 0	576		804								
			- BS	0600	0489	34989	277		000454		623		804 814								
			STD	0700 0700	0472 0472	3500 35002	277		000454	0	023		814								
			STO		0440	35002	27		000425	8 0	667		817								
			085	0800	0440	35∪02	277	7.7				14	817								
			STD		0426	3479	27		000424	· 2 (709		828								
			065	0.300	0426	34995	277		00044		751		828								
			285 285	1000	0410 0410	3499 34990	271		00041	4 (1751		838 838								
			- T.C		0410	3494	278		000418	32 0	793		851								
			JHS	1100	5432	34991	2.7F						851								
			STO	1400	3397	3490	278	9.0	000420	7 0	835	14	866								
			065	1200	0397	34797	278						866								
			nTL IBIS	1300	0385 0385	3498 34984	278 278		000419	, J (077		878 878								
			/ TD		0382	34984	276		00042	12 0	919		893								
			JBS	1400	0382	34985	276				-		B93								
			. 10	1500	0375	34.49	2.78	52	000421	.5 0	961		957								
			083	1500	0375	24+87	2.78	3 4				14	907								

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

[www.es 1					1			,	_			_		MAI			_		r			
	SHIP	LATITU	Dŧ	LONGITUDE	SDUARE	STATIO (G:	N TIME	TEAR	C#UISE	DRIGIN.	TATION	\dashv	DEPTH	DEPT		WAVE SERVATIONS	WEA-	CLOUD			NODC TATION	
CODE NO.	.001	•	1/10	1/18	10" 1"	MO DA	Y HR 1/1	0	NO.	N	UMBER	_	BOTTOM	S'MPL	*5 D=	HGT PES SEA	CODE	TTR ANT		N	UMBER	
3180331	R C	4 038	4N	064395W	151 04	12 18		1967					4105		3.2	7 4	K.1	0 3			0015	
						TER	WIND	IO MET	D.	AIR TEA	AP C	vis	NO.	5.0	ECIAL							
					CODE	TRANS	IR O			ULE	BULB	C001	DEPTHS	OBSER	VATIONS							
					DT	SD 3	3 53	1 13	6 0	64	041	7	28									
-	ISSENCE TIME	CAST	CARD		T				SPECIFIC	YOLU	¥1 ≥	A D	SDI	IND	_	PO P	TOTA	NO2=N	NO ₃ =N	5104-5		2
H	1144 ¢	NO	TYPE	DEPTH IN	1 %	5 .	. 5	GMA-T	ANOM	AL7-110	, D	103	VEL	CITY	D3 mi/	μ α ατι	24 1 81	₩@ - 81:	h8 o,	≥0 - 01 I	pH	ě.
																				1		11
'			ST	0000	1627	3586		636	001	6735	5 01	000		124								
	085		OBS	0000	1627	3585		636						124								
			085	0010 0010	1626 1626	3586 3585		636 636	COI	6740) ()(16		125 125								
			511		1626	3585		636	0.0.1	6791	0.0	33		127								
			OBS	0020	1626	3585	_	636						127								
			STI		1626	3585		636	001	6841	0.	150		128								
			085	0030	162t	3585		6 16						128								
			5 T I	0050	1629 1629	3587 3586	_	6 16 h 36	001	6860) ()(J B 4		133								
			ST		1636	3592		639 -	0.01	6743	3 0	126										
			085	0075	1636	3591		639	001					1 40								
			085	0095	1626	3588	6 2	639					15	139								
			ST		1580	3586		647	001	6001	0	167		126								
			083	0100	1580	3585		647						126								
			510 065	0125	1435	3005 3585		674 679	001	3061	1 0.	-) 3		J84 J84								
			571		1291	3541		681	0.0.1	2881	6.	235		36								
			085	0150	1291	3549		bHi	91					36								
			085	0155	1227	3046	в 2	692						115								
			511		1117	3538		706	001	0563	3 04	294		983								
			085	005.0	1117	3538		706						983								
			STO	0250	1007	3526 3527		718 718	000	755	9	344		951 951								
			0BS 310		0976	3516		725	aar	887	1 0.	390										
			065	1300	07.6	3516		725	00.					921								
			OBS	0372	0770	3505		738						880								
			ST		0645	3498		750	000	6559	9 0.	+67		634								
			OBS	0.400	0645	3497		750 762	000	E 2 0 .		527		834								
			STI OBS	0500 0500	0532 U532	3446		702	000	538	, 0	221		805 805								
			085	0 7 3 0	0507	4446		766						800								
			ST		0442	ويبهاؤ		770	000	474	9 0	> 78		806								
			085	U~ NÜ	0492	3440		770						8Ú6								
			STI		0467	3501		774	0.00	442,	. 0	024		812								
			085	0700	0467	350		774		6.26		7		812								
			085	0800 0800	0436 7436	3500		777	ŋ Ç i i	4250	J J	067		816 316								
			ST		.4.0	3500		778	000	415	ь	7:3		826								
			JBS	0400	04.0	344.		778					14	826								
			ST		1411	34.45		779	000	417t	5 0	75 i		838								
			285	[30]	341.7	3448		179						838								
			5 T		0441	34.90		780 780	201	4176	5 0	793		851								
			765 STI	1100	0490	3448		781		4125	5 1	634		85I 862								
			385	1200	5107	3446		791	5011		-			862								
			5 T		0383	3 4 41	2	7 H]	201	417	5 0	d 76	14	877								
			083	:300	0383	3478		781						877								
			3.1		J 3 7 5	3491		782		415	b :	717		891								
			085 51	1400	0375	3 44 13 6 9 44 14 1		782 783	505	910		758		904 904								
			185	1500	3267	5448		7 8 3	0.0					904								
				-																		

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

E SHIP	LATITU	DE	LONGITUDE	NDC78	MARSDEN	STATION TO	ΜE	TEA		ORIGIN			OEPTH TO	DEPTH	04	WAVE SERVATIONS		EA-	COOES			NODC
CODE	•	1/10	1/10	28	10° I°	MO DAY H	R.1/10		'		TATION		80 TO A	S'MPL		HG PER 31	1 43	ODE	1181 AW1			NUMBE
BREL	41 13 t	n l	355302W		151 15	12 18 1	21	196	67	A54 01	5		3329	<u> </u>	33	24		<1	0 3			001
					COLOR		INI	2 .	A RO		AP °C	- VIS	NO.	598	CIAL							
					CODE	1=1	1010	_	(mbs)		BULB	+	DEPTH	-	- 110117							
			_		DT	5D 36	516		170		014	_	29	1		L,		_				
MESSENGE TIME of HR 1/10	ND ND	C # #C) OEPTH I	æ1	1 1	s */	SIG	MA-	1	SPECIFIC VOLU	"	1 101 7 0	VE.	DCITY	02 ml/	PO4-P	1014	L = #	NO7-N ug - el l	NO1-H	\$1 O4~	
						1	1						1					_				-
		ST			0967	3375		05		001968	віц	υÜÜ		876								
121		065	0000		U967	33747		05						876								
		STI 085	D 3010		0989	3375 33747		05		001974	4 0	u I 9		878								
		085	0015		0975	33757		04						881								
		51			U983	3 178		05		001976	4 0	119		885								
		085	1950)	7987	33777		05						885								
					1077	3400	26	52		001527	4 0	057	14	931								
		∪05 5 1 1	0030 0050		1077 1475	3546	24	40		001654	a 0	∪88	16	080								
		JB5	0050		1475	35457		40		001034	•	000		380								
		085	0050		1487	35497		40						086								
		ST			1394	3563		71		001365	B 0	150		060								
		065	0079		1394	35635		71						060								
		085	5000		1367	35/32		84		001232	7	159		055								
		5TI 085	0100 0100		1322 1322	3563 35631		85		001232	, ,	1.14		040								
		51			1250	3>>6		95		001152	2 C	188		019								
		085	0125		1250	35562	26	35		_			15	019								
		ST			1154	3539		0.0		001103	J 0	217		988								
		085	3150		1154	35395		00						988								
		085	0180		1158	35405 35260		10						992								
		ST			1367	3522		13		000989	a u	269		942								
		085	0200		1007	35217		13						942								
		ST			3707	3513		2.2		000404	9 0	316		912								
		085	0250		0907	35126		22		0.00775				912								
		065	0300 0000		0721 0721	3494 34937		36		000775	5 1	358		847								
		STI			0552	3+75		159		000557	7 C	425		797								
		085	0400		0552	34948		59						797								
		5 T			U5 J2	3491		63		000533	4 Ü	480		792								
		OBS	0500		3 502	34414		63						792								
		STI	0 9690 0690		3466	3492 34919		67 67		000498) :	5 + 1		794								
		085 ST			0466 0441	34919		71		000465	5 0	o 79		800								
		085	0700		0441	34937		71		000.00	, ,	-,,		800								
		ST	0800)	0435	3496		74		000453	3 0	625	14	815								
		OBS	0800		0435	34957		74						815								
		ST OBS	00+0 00+0		0423	3446		76		000443	1 0	670		827								
		5 T			0423	3497		77		000435	R C	714		838								
		oas	1000		0411	34968		77		00,				830								
		ST			0405	3497		78		000416	ь с	758	14	854								
		085	1100		0405	34969		78						852								
		5 1 1	D 1200 1200		0395	3497 34972		79		000431	5 G	RO I		865								
		5Ti			0387	34472		80		000430	2 0	644		865								
		OBS	1300		0387	34972		80						878								
		5 T			Q3H2	3447	27	80		000432	9 (887		893								
		UB5	1400		0382	34972 3498		781				930		893 907								
		ST	D 1500		Q376					000430												

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERENCE SHIP CODE LATITU	UOE 1/10	TONGITUDE 100 S	MARSDEN SQUARE	STATION TO		YEAR		STATION		DEPTH TO BOTTON	MAT DEPTH OF S'MPL'S	01	WAVE SERVATIONS	W EA- THER CDDE	CLOUD		-	NODE *ATION
318033 RC 4130			151 15		-	967	A54 01	7		2505	, -,,		3 2	A1	0 3	-	-	0017
			WA	TER W	IND	BARO	AIR TE	MP C	VIS		SPEC		12 12 1	, ,, ,	. 0 3		,	0017
			COLOR	TRANS. DIR.	OF	M ETER (mba)	DRY	WET BULB	con	DEFTHS	DESERV	4 TIDNS						
			DI	SD 36	508	184	034	019	7	43								
MESSENGE CAST	CARD	DEPTH (m)	1 %	5 **	SIGM	,	MOMALT-1	7441	E A D	50	UND	07 701	FO 4-F	1014L-F	NO3-N	NO1-N	1 54-5	
HR 1/10	1177	-					ANOMALY-1	,,,	x 103	VEL	DCITY		## - 01 I	ψg = 01 1	×g - 07	vg - 61 l	+9 - 01	рн
	STD	0000		2322	35.0			. !										
153	085	0000	0366 0366	3332 33324	258 258		002129	1 (1000	14	833 833							
	STD	0310	0869	3332	258	ь	002135	4 0	021	14	835							
	085 \$TD	0010 0020	0854	33324	258 258		002129		042		835 838							
	085	0020	0871	33339	258		502129	0 0	042		838							
	STD	0030	0876	3336	258		002122	6 0	U 6 3	14	842							
	085 085	0030 0045	0876 1012	3 3 3 6 7 3 3 6 5 7	2581						842 901							
	STD	0050	0987	3385	260		001937	2 0	104		893							
	085	0050	0987	33846	260	,				144	893							
	08S 08S	0061 0063	1302	33812 34150	261 263					144								
	510	0075	U857	3388	263		001713	ں ج	150									
	OBS	0075	0857	33685	263.	3		_		14	849							
	085 STD	0081	0757 0937	33827 3442	2644		001398	c -	189	148								
	085	0100	U907	34417	266		701348	4 0	184	148								
	OBS	0119	0718	34437	269	7				146								
	31D 0BS	0125	0741 0741	3451 34509	2700		001092	5 0	220	14								
	510	0150	0757	34509	2700		001053	n o	647	148								
	085	0150	0757	3459B	2704		,010,,	•		148								
	UBS	0175	0763	34762	2716					145								
	STD	0200 0200	0896 0896	35∪3 35∪35	271) () () 3 44 4	e 0	- 96	148								
	OBS	0220	0817	34937	272					148								
	OBS	0237	0470	35100	2726)				148	396							
	OBS STD	0240	0875	35097 3514	2728		2004			146								
	085	0250	0875	35137	2729		000846	b 0	341	149								
	085	0253	0876	35127	2728	3				140								
	0BS 5TD	0280	0548	34717	2729					148								
	085	0300	0643 0643	3477	2734		00791	6 0	385	148								
	OBS	3340	05 4 -	34002	274					148								
	095	0356	0 = 44	34842	2740					148								
	085	0367	0585 0579	3455 / 3490	2748		101.627	6 0	453	148								
	085	0400	2579	34407	275.		10.027		٠,,	148								
	OBS	0419	0578	34698	2742					148								
	085 085	0437 0459	0537 0520	34864 34878	2754					147								
	085	0467	0514	34883	2759					147								
	285	0+82	0512	3491	2761					147								
	STD	0500 0570	0496 0496	3493 34927	2764		0005160	0	10	147								
	STD	0500	0466	3496	2770		10197.	. 3	000	147								
	CBS	0600	0466	34755	2771					147								
	STJ OBS	0700	0450 2450	3497 34967	2773		00453	7 51	000	148								
	STD	2320	0431	3447	2775		004401	J:	1 לי	148								
	JBS	08.50	0431	34967	2775					148								
	STD	0309 9400	0417 U417	3497 34475	2777		004.85)) (94	148								
	STD	1000	0405	3478	2778		Cruce.		737	148 148								
	OBS	1000	3405	34977	2774					148	36							
	510 065	1100	0345	3478 34776	2779	. 0	00-199	0	779	148								
	STU	1.00	0386	3478	2780	0	00416	1 30	21	148								
	085	1200	J 386	34977	2780					148	61							
	STD OBS	1300 1300	0380 0380	3498 34976	2781 2781	0	00418:) Ü	66	148								
	STD	1400		34976	2782	0	004149	0-	104	148								
	063	1400	0373	3→980	2782					148	84							
	STD OBS	1500 1500		3444	2783	С	0^411e	Э.	45	149								
	V03	15.0	03£7	34786	2783					149	J 4							

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5, Prepared from NODC listing number 31-8033.—Continued

		SNIP	LATITU	1/10	LONGITUE	/10	10°			TION		YEAR	C-		STAT NUN	ION		DEPTH TO BOTTON	DEPTE OF S'MPL	1 0	BSER	AVE VATIO	WEA- THER CODE	C	OUO.		5	NODC TATION UMBER	
3180	3 3 3	R.C	4130	ON	00515	·w	151	15	12	18	153	196	7 4	A54 01	7			2505		3	3 3	1 2	×1		1	1		0018	
							,	WA	TER		WIND	•	RO-	AIR TE			_	HD.			٦' ٔ		,				1		
								C000		S DIR	01	D MI	tER (ba)	DRT		ET JLB	VIS. COO	DEPTHS	OBSER	VATION	5								
										36	SUI	8 1	84	034	0	19	7	04			1								
		MTSSENGE 11ME HR 1/10	CAST NO.	CAR TYP		th (m)	7	Έ		s *4.	\$10	SMA-1		PECIPIC VOLI		DAM	Δ Ω Μ 10 ¹	1 10	UND	02 m	zi	PD	1014 (=P ## - otal	ND:		NO3=N yq - at/1	\$1.04-\$1 #g - a1 1	рН	
													Т									_							1
		153		085		59	0	392	34	957	2	778						14	855										
				ST	0 1	0.0	0	3.70	34	96	2	778	(000435	4			14	861										
				ST	D 1.	300	0	385	34	96	2.	779	(000436	6			14	875										
				51	D 14	0.0	0	379	34	96	2.	780	(000437	3			14	840										
		15°		OBS	1 4	55	0	376	34	962	2 '	780						14	898										
				ST	D 15	0.0	0	374	34	96	2	780	(000437	6			14	904										
				ST	D 1	50	Ü	358	34	96	2 '	782	- 0	000436	2			14	940										
		153		085	T10	58	0	342	34	404	2 '	784						14	968										
				ST	D 23	00	C	336	34	96	2.	784	(000429	3			14	974										
		153		085	T 2 3	6.5	0	904	34	053	2	787						15	022										

HCE	SHIP	LATITU		,	GITUDE BX	MAR	SOEN	514	LTION T	ME	TEAT	. I		NGINA				DEPTH	MAL. DEPTH	00'	WAVE ERVATION		WEA-	CLOU	· ·	- 1	но	OC.
1D.	CODE	· inu	1/10	tor	GITUDE S	10.			DAY	_	TEAT	<u> </u>	HO.		UMBE		•0	10	OF S'MPL'S		HGT PER			ITH! A	1		NUA	ABER
033	RC	4155	0N	065	5370w	151				01	196	7	A54	018			0.8	805		32	3 2		X1	0 3			00	19
							COLDR	-	_	SPEE		ARD-		IR TEM	17. ℃ WEI	vis	Ţ	NO. 085.	SPEC	IAL								
							0008	(m.)	102	1040	1 0	mbal	- 11	JL 0	IUL	-	P	EPTHS	783ERV	X IIOAS								
r		,				•	DT	SC	31	515	1	77	03	_	022		٠.,	4.3		!			-		,	,	_	_
ľ	MESSENGE TIME HR 1/10	CAST HO	CA 17	RO PE	DEPTH (m)	'	7		s *4.	sic	M A -1	1	ANOMA	VOLUA	,,,	103 V N V	•	SOUN		D2 ml/I	PO a=1		01AL-#	HO2~H ⊌g - al/		SI Oa-		pН
ŀ	PR 1710	1				1	-	+-		+-		+			\top		T	i –	_			†			†	+-	-†-	-
'		,		TD	0000		695		34		36		0026	5278	3 (000	`	1475			'				•		·	
	201		0B:		0000		695 698		342		36		0026	301		026		1475										
			0B:		0010		698		335	25			0020	, , 0 1		020	,	1475										
				TD	0020		707		38		37		0026	213		052	•	1476										
			08:		0020		707 717		375	25	37		0026	073		U76		1476										
			08:		0030		717		413	25			0020	,01,	,		,	1476										
			08	S	0042		748		675	25								1478										
			\$		0050		752		80		64		0023	3684	(128	}	1479										
			0B:		0050 0057		752 747		798	25 25								1479										
			08:		0065		697		109	25								147										
			OB:		0070		690		1090		95		0018			161		147										
			08:	T D	0075		640 640		1297		18		0018	3002	: (1181	L	147										
			0В:		0085		618		1547		40							147										
				T D	0100		657		06		76		0013	3131		220	, (.147										
			OB:	S c	0100		657 699		317		76							147										
			08:	_	0120		700		397		97							1480										
				TD	0125		732		56		05		0010)445	(250)	148										
			OB:		0125		732 812		557		05							148										
			OB:	5 TD	0135		817		75		07		0010	286	5 (76	>	148										
			OB:		0150		617		747		0.7							1489										
			0B:		0156 0166		792		747		07							148										
			08:		0182		792		820		16							148										
			08	S	0186	0	817	34	907	27	20							1486	65									
			OB:		0197		817		905		19					3 9 5		1486										
			08	TD.	0200		807		87		18		0009	9302		325	?	1486										
			08		0203		797		885		21							1486										
			08		0234		782		920		26							148										
			08	S TD	0246		682	34	•757	21	27							148	Z 1									
			ОВ		0250		574																					
			ОВ		0253		625																					
				TD	0300		1607																					
			0 B	5 TD	0400		1607																					
			08		0400		574																					
			0.8		0418		1974																					
			0.6		0430		54B																					
				TD.	0500		498																					
			ОВ		0500	0	498																					
			08		0575		495																					
			0.5 S	S Tu	05 50 0600		1494																					
			0.8		0600	Ü	4124																					
			0.8		76.13		404																					
			08 08		0653		1488 1470																					
				5 10	0700		460																					
			08		0700	0	460																					
			OB		0737		450																					
			0.8	5	0750	0	439																					

Table III. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 15–18 December 1967, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8033.—Continued

REFERE		SNIP	LATTU		ONGITUDE	= 5	MAR	SOEN	STAT	ION T	LME	YEAR			NATO			DEPTH	DEPTH			A VE	WEA-				NOOC	7
	10. NO.	COOL	· mu	1/10	1/1a	N N	10*	7.22	WO			TEAR	CEU		NUM			EQTTOM	- 0.	,		THE SIA	CODE	TIPE AM			STATION NUMBER	1
-+-						-		1-1			\neg		+			_	1		12.0	1	1	1		1	1	_	00.70	1
318	0331	RC I	4214	3N 10	66050W	1	1151	126 I			231 1	967		4 01		- 1	- 4	0226 NO.	 		٦١٤	121	! X1	0 3	1	- 1	0020	71
								COLOS	TRANS	DIR	SMID	MET		an	w	,	VIL.	015.	142	CIAL VATIONS								
								CODE	(m)	, DE	108Ct	(mà	a+	DULE	₽U	.8		DEPTHS	•									
								ОТ	\$Đ	33	515	17	6	035	0.2	2	7	20		_								
	- 6	ressings Time	CAST	CARD	GEPTH L		Ι,	τ	Ι.	٠/	SIGM	A -7		ac voc		E /	7 5		UNO	O2 mV	0	104-1	10141-7	NO2-N	NO3-N	510	S. PH	Τ
	١,	48 1/10	7 NO.	TYPE			'	•	1	•••	1 200	,	AHO	MALT-1	1167	2		VELO	DCITY	07	٠.	rg = 01/1	*8 . **/	ug - at/1	pg - pt/1	ag - 01	/ PH	
	Ī				1										\neg						1							_
	,			510	0000)	. 0	575	32	30	254	7	00	2518	9	00	00	14	705			•		'		,		
		231		OBS	0000			575	322		254							14	705									
				STO	0010)	0	577	323	30	254	7	00	2520	9	٥٥	25	14	707									
				OBS	3010)	0	577	322	97	254	7						14	707									
				510	0020	}	0	577	32:		254		0.0	2520	1	00	50		709									
				OBS	0020			577	323		254								709									
				0B5	0024	٠	0	578	323		255							14										
				510	0030			597	329		256		0.0	2340	9	0 V	74		722									
				085	0030			597	325		256								722									
				OBS	0037			615	321		257								733									
				STO	0050			617	328		258		00	2135	9	01	19		738									
				085	0050			617	326		258								738									
				OBS	0055			619	330		260								742									
				085	0060			557	330		201								718									
				OBS	0064			539	332		262								714									
				085	0070			540	334		264								718									
				510	0075			566	337		266		00	1459		01	64		732									
				OBS	0075			566	337	-	266		20	1 7 4 7		6.1	20		732									
				510	0100			596	34	_	268		00	1267	כ	3.1	48		753									
				085	0100			596	340		268		0.0		-	_		_	753									
				510	0125			616	342		269		00	1116	·	04.	26		766									
				085	0125			616	342		269							_	768									
				085	0141			620	345		272								776 778									
					0146			622 509	346		272		00	001.6	_	0.2	6.2	14										
				ST0 085				509 509	346		272		00	0846	, .	UZ.	2											
					0150						272								774 770									
				085 085	0152			599 597	346		273								773									
				510	0200			548	348		274		0.0	2639	5	٠	۵	14										
				085	0200			548 548	347		274		00	. 0) 9	,	- 4	+ 0		760									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1–5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.

BENCE	SHIP	LATITU	DΕ	LONE	SITUDE	1000		SDEN	51A1	ION T	IME	¥ŧ	AR	CPL		STATE	ON	_	OEPTH TO	DE	AAT EPTH OF	06	WA:	VE TIONS	. 1 7	EA-	CLOUD			NO	ION
NO	2001		1/10		1/1	3	10"	1	MO	DAY	(R,1/10	1_		N	10	NUM	BER	_	IOTTO:	M 5'N	AFL'S	D19	HGT	PER 3	te C	001	1791 A W	1		NUN	BER
8059	EV	4215	8N	066	06 W		151	25	10	01 :	130	19	68	A	55 00	1		- 10	265	,		25	1	- 1	- 1	۲0	013		-	0.0	001
								WA	TER	L	NIND		BARC	. [AR TE	MP '	7	vis	NO.	T	SPEC	141	1								
								COLOR	TRANS	OIR.	01	- 1	(mba		DRY	6U		COOE	OBS DEPTH	0.44		TIONS									
								DT	SD	24	508	3	17	3	194	13	53	1	26	1											
	MESSENGE 1144 HR 1/10	or NO	CAL		OEPTH	tm (r *c	5	•/	516	5 M A	-1	SPE	CIFIC VOLL	10'	5 0 1	7 ° °		DUND		O2 m1/		04-7 - 01/1	101A		NO3-N ug - M. I	NO3-N			ρН
																			-		- 1										
			51	D.	000	Ū	1	571	34	67	24	04		00	03879	3	Qυ	ΟÛ	1.5	066	ë										
	1.3		089		000	ũ	1	571		56 ₹	۷.	4 Ü 4								061											
			Si		001			569	32			+00		00	03846	6	00	38		000											
			083		001			569		712		•0 B				,	^			06											
			S1		002			564	3.2			+09		0.0	03838	5	0 0	11		000											
	001		009		005			564		712		•04								000 004											
			OB5		002			496	32	518		+17 +46		0.	034-1		01	1 2		020											
			OB:		003			421 421		783		446		U	J 34 + L	0	Ų I	10		5026											
			069		003			377		963		68								014											
			089		003			477		366		• 78								φ5.											
			065		(1,4			406		488		503								503											
			089		004			461		880		507							15	305.	2										
			089	5	004	7	1	427	33	688	25	514							1 5	04.	2										
			S	D	005	Ū	1	441	33	79	2	519	,	0.0	02863	B	01	76	15	048	8										
			OB:	5	005	0	1	441		790		517							1 9	048	8										
			089	5	005	7	1	396		798		529								5039											
			083		00+			516		598		565								084											
			OB:)117			372		988		506								92											
			5.		0.0			114	34			504		0.6	01996	6	0.2	36		94											
			08:		1107			114		ũ 6 0		504								94											
			08:		008			0.74		128		516								93.											
			083		00 9			139		328		520								95											
			08: S		010			046 061	34	366		540 547		0.1	01592	. 7	04	a 1		93											
			0E		010			061		493		547		0	J1372		Ų L	0.1		93											
			08		010			178		388		572							_	498											
			5		012			086	34			576		0	01328	l o	03	10		95											
			OB:		012			086	_	918		576			0	-	•	• -	_	95											
			08		01			116		088		583								490											
			08		013			086		012		683								495											
				TD	01	Ç	3	048	35	09	2	696		0	01137	8	03	48	14	494	7										
			. 8	5	015	0	1	048	35	095	2	696							14	494	7										
			08		016	0	1	036	35	118	2	700)						1	494	5										
			08:	S	017	5	(984	35	168	2	713	3						14	492	9										

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

																	Ты	AY.				_	-		_			
CTRY IO.	SHIP	LATITU	101	LONGITUDE	20	SQU	ARE	STAT	IDN 11 GM11	ME	YEAR	CRUIST	ORIGIN.	TATION	_	DEPTH	* OE	PTH	D#S	WAN SERVA	tions	THE	R.	CLOUC	2		STA	TION
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Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

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Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REPERENCE					-=	MAR	SDEN	51.	ATION T	IME		П		DIUGIN	ATOR	5	Т	DEPTH	DEP			WA	VE	_	WEA-	CLO	UD			NODE	
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RENCE						AARSDEN SQUARE	STATION TIME			ORIGINATO#'S			DEPTH	DEPTH		WAVE		WEA				NODC
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Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

ERENCE	SHIP				÷ 5	MARSOEN	STATIC	N TIM		EAR		GINATOR		OEP		TH	OF SERVA	VE LTIONS	WEA-	CLOUD		- 11	NODC
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	MESSENGE TIME HR 1/10	1 CAST	CARC	0697	H (m)	1 10	\$.	4.	SIGMA	1_1	SPECIFIC V	-1/07	DIN 10	£ .	SOUND	02		04-7	FOTA L-P	NO2-N	NO3-N	110 - 91-1	ρн
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			OBS			1867 1821	363 365		261		0016	L 1	040		15210 1520.								
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			OBS			1753	364		265		0015	756	032		15189								
			5 1 085			1737	364		265		001-				15189								
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			51	-	00	0524 0524	350 350		276 276		0005	087	088		14836 14836								
			0BS		00	0490	350		277		0004	842	093		14830								
			OBS		00	04 70	350	38	277	1					1483								
			51	09	0.0	0460	35-		277		0004	9.47	047		1484								
			0B5		00	0460 0445	350 350		277		0004	434	102		1484. 1485.								
			089		100	0445	350		277		0004				1485								
			51		gů	0423	35.	O.	277		0004	334	100		1486								
			089		00	0423	35		277		0004	303	140		1486 1487								
			S1 085		n0	0414	350 350		278 278		0004	300	110		1487								
			51		100	0397	344		278		0004	115	144		1488								
			089	1	00	0397	345	не	278	10					1488								
			51	rD 1-	0.0	0386	3+		278		0004	655	110		1489								
			0B5		10	0386	349		278		000	- 5 4	143		14891 1490								
			S1 089		00	U378	34:		276		0004		163		1490								
			51		750	0370	34-		27é		0004	414	130	. 5	1494								
				TD 20	00	0359	34	7	278	3.3	000-		144		1498								
	0.7	9	OB:		601	0353	344		279		200		1 -		1500 1505								
					00 48	0323	349		278		0004		100		1507								
	3.7	4	0B:		300	0312	349		278		0004	360	190		1512								
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	07	0	08	5 13	เลย	0393	24.	, 2															
	07		OB:	s T3	742	0229	34	902	278	3 9					1523								
		9	OB:	S T3			349	902		39	000-	171	23		1523 1527 1531	ż							

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

PEFERENCE	SHIP				₋ 2	MAR	SDEN	STAT	ION T	IME			DRIGINA	TD#'S		DEPT	M A DEPT		WA		WEA			-	NODC	7
CODE ND	CDDE	LATITU		LO	NGITUDE BY		ARE I		GM1)		YEAR	CRUIS		ATION		10 10110	000			ATIONS	CODE	CODE			STATION	1
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318059	EV	3955	: N	06	403 W	115	94			VIND	1968	A5:	AIR TEM	. *	- 1-	838	4	2.0	- 1		× 1	013			000	4
							COLOR	TRANS	Dift.	39660	METE	-	DRY	WET	VIS	NO. DBS	SF	ECIAL VATIONS								
							CODE	lm l	DW.	POLC		١.	DULB	BULB		DEPTH	s our		1							
							DΤ	SU	21	510	254	• 2	250	Z 444	7	20			L							
	MESSENGE TIME HR 1/10	CAST NO.	CA TY		DEFTH (m)	,	٣	s	٠4.	SIG	f-AM		IC VOLUM	, ¥	△ 0 N. M		LDCITY	D ₂ ml/		PO a=P	10141-1	NO:-N	MC3-10	N SICA		, c
	HR 1/10	-	-	_	-	+		+-		+	-			, ×	102	+-	-		+	-				+ -	-	-11
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			OB:		0010		3-4	358		24							327									
			S	TD	0020	2	361	358	17	2 4	4	00	35127	0.0	7.0	15	328									
	003	•	08:		g0020		361	356		24							328									
				TD.	0030		281	356		24		θυ.	14582	0.1	05		307									
			OB:		0030		281	356		2+							307									
			0B:		0040		321 246	361		24		003	0.19	э.	70		325									
			OB:		0050		246 246	361		24		00:	OFIA	0.1	10		307									
				TD.	3075		7 J B	358		26		001	8853	ñ2	31		150									
			08		0075		708	356		26		201					160									
			0 B		0085		794	362		26							193									
			S.	r D	0100		556	357		26		001	0308	04	75		117									
			OB:		0100		556	357		26	4.3					1 5	117									
			089		∪115		6 U Z	361		26							138									
			S.		0125		566	360		26		001	4479	0.5	13		128									
			985		0125		566	364		26		201			49		128									
			08:		0150		499	359		26 26		00)	13692	0.2	44		110									
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			OB5	5	0250	1	209	354	38	26	93					15	024									
			5	r D	0300	1	061	353	3	27	12	001	10232	0 2	2.9	14	979									
			089		0300	1	0 h 1	353		27						14	979									
			S.		04.10		646	351		27		000	8295	00	22		914									
			089		0400		546	351		27							914									
			51		9500		558	350		27		000	06373	0.6	75		957									
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			063	د ا ن آ	0550		544 544	350		27		000	4855	5.7	52		.833 .828									
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				T D	3700		5.14	35		27		0.00	4845	0 d	UU		827									
			08	5	0700	Q	504	35.	15	27	70					14	827									
			S	D	0600		4 75	350		2.7	74	000	94582	0.0	47	14	832									
			OB:		0800		4 ¹⁵	35€		2.7							832									
			\$.		0900		457	350		27		000	1436c	0 0	92		939									
			OB:		0900		451	350		27					٠.		839									
			Si		1000		436	350		27		000	14323	Ú,	36		849									
			0B:		1000		435	350 350		27		000	4246	0.4	74		849									
			085		1100		422 422	350		27		000	, - 2 - 0		1 7		860									
			51		1200		409	350		271		000	4277	10	22		871									
			0B		1200		, () S	350		27		50.					871									
			51		1300		394	35.		271		000	4237	10	h4		884									
			OB:		1300		339	350		271			-				584									
			51		1400		390	35.		278		000	4250	11	0.7		547									
			OBS		1400		3 9 0	349		27							847									
			51		1500		3 6 3	35√		27		000	4252	1 1	49		911									
			0B5	•	1500	0	3 4 3	344	46	276	3.2					14	911									

TABLE IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

ID.	SHIP	LATITU	- 1	LONGITUDE		M ARSDEN SQUARE	STATION T		TEAR	CRUISE	DRIGIN	TATION		DEFIN TO BOTTO	OF	1 0	WAVE SEEVATH		WEA-	CLDUD	1	5	NODC TATION	
NO.		<u> </u>	1/10	1/	<u></u>	10-11-	MD DAY			NO.		UMTE	_	-	3 WAL	_	+ -+ -	31.	_	1111 4.00				-
8059	EV	3924	5 N	0634091	#				1968		001			4938	<u> </u>	20	2		* 2	0 3		1	0006	3
						WA		SHEED	- 845	o- ⊢−−	NIR TEA		- vn.	NO.	SP	ECIAL								
						CODE	TEANS DIE	100C	,,,,,,,		UL#	BULS	con	DEPTH	S Dest	VATIONS								
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	TIME 0	NO.	CARC) DEPTI	1 (m)	1 10	\$ *4.	sic	1-AW	ANDM	ALT-411	;; c	ΔD	VE	DCITY	0 2 m1/	PO4		101AL-P	ND2-N	ND3-N 98-01/1	\$1 Oa=\$	ρН	
	HR 1/10			+	-	+		+		<u> </u>	_	-+-	-			_	+	-+		 	_	 	+-	-
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	163		085	000		2324	35806	24							315									
	,		ST			2324	3581	24	50	003	4506	5 0	U 34	1.5	317									
			085	00		2324	35838	24							317									
			5 T			2324	3>91	24		003	379	1 0	068		319									
	003		085	00;		2324	35913	24		20.7	317		107		319									
			STI	0 00:		2329 2329	3603 36028	24		003	3140	J 0	102		324									
			085 085	00		2329	35788	25							272									
			ST			2177	3611	25		002	850	1 0	163		289									
			085	00		2177	36108	2.5							289									
			ST			1966	3634	25	89	002	146	5 0	226	15	240									
			085	00		1966	36341	25							240									
			5.1			1601	3594	26		001	5909	5 C	272		133									
			085	011		1601	35936	26		001	- n a :	, ,	11 د		133									
			51			1496 1496	3575 35748	26 26		001	508	,	211		102									
			985 51	01. D 01:		1416	3576	26		001	3410	3 0	347		081									
			085	01		1416	35760	26							081									
			51			1256	3559	26	95	001	164	2 0	409	15	034									
			085	0.21	00	1256	35588	26							034									
			ST			1126	3538	27		001	085	3 0	466		995									
			085	02		1126	35383	27							995									
			51			0971	3520	27		000	9630	0 0	>17		945									
			085	030 0 040		0971 0782	35202 3509	27 27		000	7579	5 0	603		889									
			085	041		0782	35091	27		000	, , , ,	-	- 0 /		889									
			51			0602	3503	27		000	578	2 0	671		834									
			085	051		0602	35026	27	59					14	834									
			51			0516	3499	27		000	5 Ü 3 :	3 0	725		815									
			085	06		0516	34994	27							815									
			ST			0483	3501	27		000	462	7 0	773		819									
			0 8 5	07: D 08:		0483	35010 3500	27 27		000	441	н Г	818		823									
			085	08		0454	35004	27		000	441	5	010		823									
			ST			0443	3500	27		000	439	4 3	1062		b 35									
			085	091		0443	35000	27						14	835									
			ST	D 10	ρū	0426	3000	27	78	000	432	b (906	14	146									
			OBS	10		0428	35001	27							846									
			ST			0416	3499	27		000	434.	۵ .	1949		857									
			085	11.		0416	34991	27		000	3 1	, .	un a		857									
			ST	D 12		0406 0406	3499	27		000	431.	۷ ۱	493		870 870									
			08S			0406	34771	27		oc.	4281	h 1	036		882									
			085			C396	34990	27			- 4 0		3 3 0		882									
			5.7			0391	3499	27		000	432	4 1	U 760		897									
			085	14		0391	34988	27						14	897									
			ST			0393	3499	2.7		000	431	4 1	122		910									
			085	15	ედ	0393	34998	27	8.2					14	910									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

IO.	SHIP	LATITUO		LONGITUDE 5	MARSO	DEN AE	STA	ION I	TIME	YEAR		ORIGINA		_	OEPTH TO	DEPTE		WAVE	WE	. CLC			Τ.	NODC
NO.	C005		1/10	1/10	10"	!			HR.1/10		CRU	0. 5	TATION		BOTTOM	S, MAF.		HGT HE S					, ,	TATION REEMUD
8059	FV	39002	N.	063170w			_		204	1968	45	5 009			5103	1	25	0	1.2		-			0009
50271		3,002		00017041	٦,	WATE			WING	EAR	1	AIR TEA		1	TNO.	_		1011	1 ^ 2)		-	0009
						DLOR	TRANS	Dia.	1910	METI	ER	Day	WET	CODI	0.00	CBSER	CIAL							
						CODE	141	ļ	POICE	lmbi	\rightarrow	#UL#	TULE	_	-									
						10	SO	24	514	26	1	256	244	7	23									
-	MISSINGS TIME	CAST	CARC	DEPTH (m)	,	-	,	٠4.		AA-I	sec	ific volu	ue \$	Δ. D.	sou	JNO	011	104-1	101AL-	• NO2	-N N	0,-1	5104-5	
	HE 1/16	9 NO.	TYPE	0.000	1			•••	,,,,,,		**	OMALT-11	" "i	7:05	VELC	CITY	0 2 ml/	≥g + 01/1	#2 + e1/			1 to 1	µg + 01	рн
ì														_						-				
,			ST	0000	26	38	36.	2 7	236	39	0.0	40240) '0	00	15	394		1		1	1			1
	204		085	0000	26		36	268	238	30					153	394								
			ST		د ک		36.		240		00	138698	3 0	39	15									
			obs	0010	25		36		240						153									
			STO		24		30.		244		00	134730	0.0	76	153									
	003		OBS	0020	24		36:		244		0	21502		0.0	153									
			STO		23		36		246		UU	31580	0.1	09	153									
		,	085 ST0	0030	23		364		248		0.0	30861	0.1	71	153 153									
		,	OBS	0050	23		364		240		0.0	30001	. 01	1.1	153									
			OBS	0070	23		364		249						153									
		`	STO		23		364		250		an	29642	0.	47	153									
		(OBS.	0075	23		304		250		00	2 .042		7 1	153									
			ST		21.		307		257		00	23362	0.3	13	152									
		(OBS	0100	21	44	36	726	257	7.0					153									
			STO	0125	20	86	306	3	257	19	0.0	22044	0.2	71	152									
		(250	0125	20	86	366	28	257	7 9					152	84								
			STO		1.3	76	305	0	260	3	00	20420	. 24	25	152	58								
		(OBS	0150	19		365	58	260						152	58								
			STI		18		304		202		0.0	18505	0.5	22	152									
		(085	3200	18		364		263						152									
			STO		18		304		264		00	17205	0.0	11	152									
		(OBS	0250	1.8		364		2 n 4						152									
			STI	0300	17		364		265		0.0	16010	0.5	94	152									
		,	085 ST		17		363		200		2	15116		5 Q	152									
		,	OBS	0400	15		364		266 266		UC	15116	, 00	> U	151									
		,	STI		13		356		269		an	12983	0.4	9.0	151									
		(085	0 500	13		356		269		., .	16701			151									
		,	STI		10		353		271		0.5	1097.	1.1	10	150									
		(085	0600	10		353		271					•	150									
			STE		03		351		273		00	09033	1.	10	145									
		(085	0700	0.8	51	351	125	273	3.1					149	165								
			STE	0600	ŨБ		350		275		0.0	00002	1 -	ψŲ	149) U Z								
		(OBS	0800	06		350		275						149	0.5								
			STO		05		350		27t		00	05421	. 1 =	51	148	164								
		(OBS	0900	05		350		276						145									
			\$T[04		350		277		0.0	104766	14	25	1 4 8									
		(OBS	1000	04		350		277						146									
			SIC		04		340		277		0.0	04810	1 4	50	145									
		(085	1100	04		346		277		0.0	04554	. 1	97	148									
		,	510 085	1200	Ú4 U4		350		271		0.0	104754	14	4/	148									
		,	5T(04		350		277		0.0	04468	. 15	42	146									
			085	1300	04		34		271		00	.,==00	1 -	76	146									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

NCE						1 -1	MAE	SDEN	51	TATION TI	ME T		T	DRIGIN	A10R'S		DE	PTH	MAX	1	WAVE	20.5	WEA-	CLO				NO STAT	00
10.	CODE	U	A fif U D		LONG		SQU	ARE		(GM1)		YEAR			TATION			10	DF S'MPL"		ERVATIO		CODE	CD1	- 1		l	NUN	ABER
ND		ļ .		1/10		1/10	10*			DAY H			+		-		4.0	138		25	0		1.2	0				0.0	010
U 5 Q	Ēν	3 8	B + 2	N 1	0630)3 ,	115	8.3 W A	TER		DO	1968	_	AF TE			N	10.	***	CIAL	101	1		, ,					
								COLOR	120	NS DIR.	SPERC		ER	DRY	WET		DE	PTHS	OBSERV	ATIONS									
								DT	+-	D 22	508	_	_	256	250	+-	+	1											
			-				T-	DI	13		1		7	HONE VOLU	_	E A D	4	sou	<u></u>		104		10141-1	ND:	-N	NO)-N	5104	~ S.	
	MESSENG	01	ND ND	CARI		DEPTH (m)	'	~		5 1/**	SIG	M A - 1	1,3	ANOMALT-E	67°	x 10)	1	VELO	CITY	03 40/1	-9-1		40 - 61 ()			µg = 01∈1	P9 -	at I	p
	HB 1 1	0			-		+-		+		+		+-		+		7										Ì		
	1			ST	· 5	0000	2	635	1 3	1627		(0)		004017	6 () U U C)	153											
	nυ	C		UBS		0000	_	636	3	16268		90						153											
				ST		0010		636		1627		140	(004021	8 (JU 4 (j	153											
		-		085		0010		63c		16268 16279		0.3						153	87										
	20			085 ST		0020		5811		628	24	0.8	- 1	004849	4 (0079	è	1 %											
				089	5	0020		541		86281		IJ₿.		202.				153											
				51		0030		493		1624		(32 (32		003624	5	1116	,	153											
				089		0030 0050		471		36245 3633		45	(00 2508	В	188	В	153											
				089		0050		471		36328	2.0	45						15											
				51		0075	- 4	3778		3065		18		0.12826	4	, - 6	7	15											
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				S		0125		1044		3664		> 7 1		00:147	Ģ	انؤدن	н		273										
				UB:	5	0125		2044		36638		591							273 268										
				083		0130		2023 1986		36616 36540		545 544							259										
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				OB:		0150		1764		3658 4		50 ×							255										
					T D	0200		1846		3661		528		00185	- 1	003	5		244 244										
				08		0200		1896 1858		36608 3659		628 636		001769	8	062	5		242										
				08:	TD S	0250		1858		36586		536							242										
					TU	0100		1845		3657		640		00174	9	J / 1	2		243										
				08		0.300		1835		36567		640		00170		Оон	5		243 246										
					T D	0400		⊥7∀0 1790		3651 36512		647 647		00110	14	000	,		246										
				OB c	5 T D	0400 040 0		1727 1727		3641		655		00166	5.7	1 - 5	3		243										
				08		0500		1727		36407	2	659							243										
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Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

Second S	NODC
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Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1–5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

ELFERENCE CIRY ID	SHIP	LATITU	D#	ONGITUDE BE	MARSE	EN RE	STATION THE	ME	YEAR		ATOR'S		DEFTH TO	DEPT		WAVE ERVA DO	ns.	WEA-	CLOUB			NODC	
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			STO		19		3658	26		001941	9 0	355		246									
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			085	0150	18		36582	26		001020	0 0			236									
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			085	3500	17 16		36378 3617	26 26		001595	2 1	165		239 220									
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			085	1000	06		35017	27		000700	0 1	0,71		946									
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	054		085	4059	0.2	36	34907	27	89				15.	288									
	054		085	4564	0.2		34895	27						372									
	054		085	T4663	0.2	26	34896	27	89				15	391									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

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Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

FERENCE	Τ.			Ţ			- 5	MAR.	OEN	STA	TION TI	ME	TEAR		ORIGIN	A TOR		1	06#TH 10	DEFTH OF	085	WAV ERVA	TONS	1	WEA-	CO	OES			NOOC STATIO NUMB	NC
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				08		00			406		5268 529	24		0.0	334	77	018	4		349											
				08:	TD s	00			406	-	5293	24								349											
					TD.	00			344		643	24		0.0	0308	51	056	,4		339											
				08		00			344		6428	24			0259	3.6	033	15		339											
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				08	55 5TD		00		1766		649		52	0	0166	10	090	05		5239											
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					10		00		1696		636		558	0	0163	01	100	64		5233 5233											
				08			00		1696		6350 608		558 571		0152	79	14.	27		5201											
				08	STD		00		1549 1549		607	_	571	٠	,01,-				1	5201											
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					BS		008		1106		3539 3520		735	(00091	134	16	01		5006											
					STD 85		900		0869		3520	3 2	735							5006											
					5 T D	10	000		0658	3	3505		754	(00070	080	16	82		4940 4940											
					85		000		0658		3505 3502		754 765	,	0005	901	17	47		4913											
					SID		100 100		0551		3502 3502		765	,			•		1	4913											
					85 51D		200		049	3	3502	2	772	-	0005	255	18	03		4906											
					BS		200		049	3	3501	8 2	772				, ,			4906											
					STD		300		0466	-	3504	_	776 776		0004	870	18	٠.		4912											
					BS		300 400		0466		3503 3502		779		0004	625	19	0		4915											
					510 BS		400		043		3502		779						1	4915											
					STD		500		041	4	3501	2	780		0004	591	19	4		4924											
				0	88	1	500		041	4	3500	6 2	780						1	724	•										

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE		T	. =	MARSDEN	STATION	TIME			ORIGIN	ATOR'S		DEPTH	MAE		WAV		WEA-	CLOUD			ОРС
CTEY ID. COOL	ATITUDE		GHTUDE BE	SOUARE	16 4		YEAR	CPUIS		STATION NUMBER		10 10110A	. OF	-	SERVA		CODE	CODES		51 N	ATION
 	1/1			 '' 	MO DAY		1	+	1				S'MPL"	+	11	10 SEA	+	1101 441			\rightarrow
318059 EV 3	637 N	061	1246W	115 61	10 03	189	1968					4938	<u>, </u>	17	0 1	[X1	013		(0015
				_	-	WIND	IO ME	10- ⊢	AM TE	WET	vis.	NO.	SPE	CIAL							
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HR 1/10		_		+	+			+			10-	+			+	-+	-		-		
				20.0	2 . 2 .				30.				2.77		1	- 1					
189		STD BS	0000	2562 2562	3628 3628		414	00:	786	6 0	100		377 377								
104		5 T D	0010	2559	3629		416	003	776	. 00	337		378								
		35	0010	2559	3629		416	٠٠.	,,,		,		378								
		510	0020	2555	3629		417	003	765	7 0	175		379								
003	01	9.5	0020	2555	3629	4 2	417					15	379								
		STD	0030	2551	3630		418	003	757	1 0	113		380								
		35	0030	2551	3629		418						380								
		STD	0050	2486	3628		437	003	587	9 0	186		368								
		35 5TD	0050 0075	2486 2413	3627 3647		437 473	0.03	252	. 0	. 72		368 356								
		310	0075	2413	3646		473	00;	202	0 0.	- 12		356								
		510	0100	2336	3667		511	002	900	1 0.	349		344								
		35	0100	2336	3666		511						344								
	:	510	0125	2136	3656	2	560	002	445	2 04	15	15	296								
		35	0125	2136	3655		560						296								
		510	0150	2044	3663		590	002	166	3 0.	+ 73		277								
		3.5	0150	2044	3662		590						277								
		STD	0200	1926	3664		523	001	873	8 0:	74		253 253								
		35 510	0200	1926 1860	3664 3657		523 534	201	783		65		200								
		35	0250	1860	3656		634	001	163	J 0.	000		242								
		510	0300	1824	3655		541	001	727	в о	753		240								
		35	0300	1824	3654		541						240								
		STD	0400	1748	3646	2	554	001	641	9 09	122	15	233								
	01	35	0400	1748	3646	3 2	554					15	233								
		STD	0500	1689	3637		661	001	602	7 1	84		231								
		35	0500	1689	3637		661						231								
		STO	0600	1538	3609		574	001	496	4 1	239		198								
		3 S 5 T O	0500 0700	1538 1336	3574		574 591	001	347	. 1	381		198 145								
		35	0700	1336	3573		591	001	541	4 1.	01		145								
		510	0800	1036	3531		715	001	105	7 15	04		052								
		35	0800	1036	3530		715						052								
		5 T O	0900	0833	3516	2	737	000	887	1 10	03	14	992								
		35	0900	0833	3515		737						992								
		STD	1000	0638	3509		759	000	654	8 16	80		932								
		35	1000	0638	3508		759						932								
		5 T D 3 S	1100	0516 0516	3501 3501		769 769	000	549	4 1	741		899 899								
		5 T O	1100	0473	3503		769 775	000	492	6 1	793		898								
		35	1200	0473	3502		775	~~		- 1	,,,		898								
		510	1300	0442	3502		778	000	463	0 18	541		902								
	0.6	35	1300	0442	3502	5 2	778	-				14	902								
		510	1400	0422	3501		779	000	455	0 16	86		910								
	0.0		1400	0422	3501		779						910								
		510	1500	0406	3501		781	000	446	6 19	32		920								
	01	35	1500	0406	3500	8 2	781					14	920								

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

EFERENCE						MARS	OEN	STA	TION T	IME	_	T-	ORIGIN	ATOR'S		OEPTH	MAX	T	WAVE		wea	- Cro	u _D T			H005
to.	COOE	LATITU			80	sou	ARE		GMI		YEAR	CRU	156 5	TATION	-	to	DEPTE	0	SERVATI	OHS	THE	COL	DES			HOOC
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						-	WA		_	MINO	- 143		AIR TE			NO. OBS.		CIAL								
							COLOR	18441	OIR.	FOIC			DRY	WET BULB	cop	OEPTHS	OBZER	ATIONS								
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	MISSENGE TIME E	HO.	TYPE	DEPTH L	m)	1	Ψ.	s	1/	SIG	M A - 1	SPEC	OMALT-SI	c	ξΔο χην μ χ 10 ³	SO VEL	OCITY	02 ml/	, PO.		POTAL-	NO2-		NO3-N	\$1 Oa-\$	
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	225		\$T 085	0000			18	36	28 276	24	27	00	3662	0 0	000		367 367									
	220		ST				18	36			28	0.0	3657	1 0	U36		369									
			085	2010			816		289	24		00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 0			369									
			ST				18	36			27	00	3667	5 0	073		370									
	003		085	0020			18		280		27						370									
			ST				19	36		24		0.0	3673	4 0	109	15	372									
			085	0030)	25	19	36	281	24	27					15	372									
			5 T				19	36			28	0.0	3677	1 0	183		375									
			OBS	3050			19		288	24							375									
			085	0065			19		308	24							378									
			51				•06	36		24		00	3217	0 1	269		355									
			OBS	0075			-06		488	24					2		355									
			5T 085	0100			266 266	36	7U 698	25 25		00	2684	5 0	343		327 327									
			51				136	36		25		00	2312	2 0	405		298									
			083	0125			136		743	25		00	23.2				298									
			51				66	36		25		0.0	2178	5 0	462		284									
			085	0150			66		688	2.5							284									
			ST				50	36		26		00	1906	0 0	564		260									
			085	0200)		150	36	681	26	19						260									
			51	D 0250)	18	152	36	εO	26	38	00	1743	0 0	655	15	240									
			085	0250			352		597	26							240									
			ST				20	36		26		00	1686	2 0	741		239									
			OBS	0300			320		592	26							239									
			511				165	36		26		00	1638	4 0	907		239									
			OBS	0400			765		523	26				- ,	.) . 0		239									
			51- 085	0500 0500			84	36	373	26		00	1589	, 1	068		229									
			ST				.84 .89	35		26 26		0.0	1461	2 1	221		229 181									
			085	0600			89		998 988	26		00	401	٤ ١	1		181									
			ST				266	35		27		00	1244	1 1	356		121									
			085	0700			66		685	27		- 0		•			121									
			ST) 9	35		27		0.0	1051	5 1	471		043									
			085	0800			900		316	27							043									
			ST				773	35		27		00	0835	8 1	565		968									
			OBS	0300			773		096	27							968									
			ST				90	35		27		00	0608	b 1	637		912									
			085	1000			90		055	27		0.0	0510	, .	- ^ -		912									
			51 085				09	35	⊍5 ∪53	27		ŲΟ	0510	4 1	693		896 896									
			ST	1100 1200			·86	35		27		0.0	0466	2 1	742		904									
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			\$1				36	35		27		0.0	0448	g 1	788		899									
			085	1300			36	-	033	27		-		- 4			899									
			ST				18	35		27		0.0	0436	1 1	832		909									
			085	1400			18		031	27		- 0		-			909									
			ST				04	35		27		00	0440	6 1	876		919									
			085	1500			04	35	013	27							919									

Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

REFERENCE		-	1			MAR	SDEN	51	ATION T	IM E		Т	ORI	GINA	TOR'S		DEFT		MAX		-	A V E	_	WEA.	Crot			_		1
CTAT ID.	COOE	LATITU		FONCHINGE	DULT	sou	ARE		IGMT		YEAR		RUISE	51	ATION		10		DEPTH OF	0	BSERV	A TION		THER	COD	ES		1	NODE	
NO.	\rightarrow		1/10	1/10	Ή-	10*	1,	ΜO	DAY	R 1/10		-	но	N	UMBER	-	10110	M S	MPL'S	018	НĞ	7 720	SFA	CODE	TYPE 4	MT		,	UMBER	
318059	Ev l	3542	N	05046 W	1	115		10		16	1968	L A	55 0	17		\perp	4755	5.1		14	1	1.1	1	X 2	0	3			0017	
							WA	_	_	VINO	- **		_	-	P &	VIS	NO.		SPEC	IAL										
							COLOR	TEA	S OIR	SPEEC OR FORC	M E1		ORY		W ET	COD	DEPTH	ıs O	BSERVA	tion	5									
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Table IV. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 1-5 October 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-8059.—Continued

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REFERENCE	SHIP	LATITE	.01		SITUDE	1 X	MARSOEN SQUARE	STATION TO	ME	TEAR		DRIGINA			DEFTH	DEPTH	0	WAVE SERVATI	ONS	WEATHER	CLOUD	T		NOOC	1
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Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.

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	115	,	OBS	0281	183	6	3655	52	263	Q					15	240									
			ST	D 0300	182	7	3654	4	264	n	0.01	17405	5	0670	15	240									
	119	,	OBS	0373	178	7	3649	75	264	7					15	240									
			ST	D 0400	178	5	3649	9	264	7	001	17100)	0643	15	244									
	115	,	OBS	0467			364	37																	
			ST	D 0500	171	9	3638	3	265	4	001	16664	٠	1012	1.5	240									
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Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

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14	6	085	0054	2306	36387	2499		7 022	15326							
		STD		2259	3639	2513	002876	7 022	15318							
14	6	085	0082		36392	35.4	003500	6 029	15306							
		STD		2189	3654	2544	002589	0 024	15301							
14	6	085	0108	2163	36586	2554	00 2 2 7 4	4 035								
		STD		2079	3659	2578	002276									
		STD		1980	3658	2604	002034	4 040	15249							
14	6	085	0164	1937	365R1	2615	001016	1 050								
		SID		1881	3657	2629	001815	1 000	15236							
14	6	085	T0218	1857	36567	2635	0017/3	5 059								
		STO		1838	3655	2638	001742									
		STO		1802	3651	2644	001702	1 000	15230							
14	6	085	0326	1780	36482	2647	001/3/	2 096								
		510		1716	3638	2655	001626	3 084	15212							
14	6	085	0435	1665	36282	2660	001300	7 000								
		STD		1464	3597	2682	001390	7 099	10100							
1 4	6	085	0545		35769	2702	001101	4 112	15076							
		STD		1188	3552	2703	001186	4 112	15036							
1 4	+6	085	10653	1058	35329	2713	000003	2 123								
		STD		0948	3523	2724 2742	000987									
		STO		0752	3507		000000	0 172	14912							
14	• 6	085	0872	0643	34995	2751	000180	6 139								
		STO		0617	3499	2754 2765	000680									
		510		0534	3499		000378	. 1-0	14879							
14	+6	085	1092	0472	34988	2772	000507	3 151								
		510		0471	3499	2772	000507									
		STE		0457	3499	2773	000502									
		5 T C		0444	3498	2775	000497									
		STO		0430	3498	2776 2777	000491									
		STE		0416	3498	2779	000464	7 1/1	14940							
14	46	085	1642	0397	34970	2119			7440							

ID. CODE	LATITUO	1	NGITUDE E		ARE	10	ON TH	',	EAR	CRUISE NO.		TOR'S	_	OEPTH TO BOTTOM	MAX. DEPTH	"	SEEV	A FIONS	WEA- THER COOR	CLOUD			NOOC TATION
10.		1/10	1/10	10*	1.	WO 0	AY HI	£1/10		MU.		VMPER	-		S'MPL	S OM.	_	T PT 314	_		1	-	
384 YA	3630	N 06	120 W	115					968	A56				4572	14	0.2	5	3	X1	8 7			000
					WAT	-	w	SPREO	BARC	· -	IR TEA		VIL	NO.		CIAL							
					COOF	TRANS	01k.	04	M ETE		JLD	WET	CODI	DEPTHS	OBSERV	2 MOIT A							
						\vdash	09	521	16	-	82	152	9	13			1						
				_		ĻЩ	0.9	721	10	7 1	02			1,1	i —		4					_	_
MESSENGE TIME O HR 1/10	CAST NO	TIPE	OEPTH (m)	,	τ	s	٠/	SIGM	A-7	AHOM		. 0	₩. ₩.		UNO OCITY	02 ml/		PO 4-P	1014 L=7 +014 L=1	NO3-N vg - 01/1	NO1-N vg - al/l	\$1.04-\$ vg - 41/	
								T															
184		085	0022	2	164	360	12	251	1					15	280								
		510	0030	2	153	359	9	251	2	002	864)			279								
184		085	0045	2	138	359	60	251							277								
		STO	0050		138	359		251		002	853	7			278								
184		085	0067	2	128	359		251							278								
		STD	0075	2	116	359		251		002	818	7			276								
184		085	0089		094	359		252							272								
		STD	0100		923	359		256		002					227								
		STD	0125		630	358		263		001	102	7			145								
184		085	0133		565	358		265				_			127								
		SID	0150		518	358		266		001	475	7			115								
184		085	10175		450	358		267							097								
		STD	0200		389	357		268		001					080								
		SID	0250		256	355		269		001	185	+			042								
184		085	0257		236	355		269		003	064				992								
		STD	0300		096	353		271		001	046	9		_	965								
184		085	T0332		800	352		271		000	u 74	,			924								
		510	0400		872	351		272		000	0/6	ı			913								
184		085	0421		835	350		273		000	726	2			878								
		STD	0500		713	350 350		274		000	120	J			875								
184		OBS	T0508 0600		1702	350		275		000	596	6			845								
10/		STD	0600		516	349		276		000	,,4	-			830								
184		085 51D	0700		512	349		276		000	513	5			830								
		510	0800		484	340		277		000					A 35								
184		085	T0874		466	340		277		000		-			840								
184		STD	0900		1460	349		277		000	472	5			842								
		STD	1000		1440	349		277		000					850								
		510	1100		1423	349		271		000					860								
		510	1200		410	349		277		000				14	871								
		STD	1300		1401	340		277		000				14	884								
184		085	T1371	0	397	349	966	277	8					14	894								

Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

EFERENCE INT IO.	SHIP	LATITU	D£	LONG	1UDE 1/10	MOC18	SQUA	RE	STATII	MTI MTI	١.	EAF	CRUISE ND.	51	ATOR'S TATION		DEFIN TO BOTTON	OF S'MPL"	0	PRSERV	ATIONS	5	WEA- THER CODE	COD	5		NODO STATIO NUMBI	N
1138	. V.	3659	-	0613			115		-	7 21	-	069	A56	000		-1	4800	1			3		X 2	8			000	3.5
1130	41 1 14 1	3639	1	001.	7 W	1 1	וכני	WA		WI			-	IA TEN		7-1	NO.	1		5	1-1	,	^ 2	0 / 1	,	- 1	000	,,,
								OLO		DIR.	SPEED	METER	0		WET	COD	0.01	000000	CIAL	5								
							-	CODE	(=)	-	PORCE	(mba)	_	-	8018	↓_	-	-		4								
										11 5	50	170	19	93	160	7	14	<u> </u>										
	MESSINGE TIME HB 1/10	CAST NO.	CAS		DEPTH 6	m)	7	۳	5	·/	SIGMA	1_1	SPECIFIC ANDMA		; O	△ D N. M 10 ³		UND OCITY	02 m		PO+-P 10 - 41//		A 1-F	HD7-1	NO ₃ -1			н
				_ 1					1						. .		1										1	
				T D	0000			96	361		250		0028	3910	0	000		286										
	214	•	089		0000			96	360 360		250		000					286										
				TD TD	0010			96 96	360		250 250		0028			029 058		289										
	214		089		002			96	360		250		0023	.00.		090		290										
	214	•		r D	0030			97	360		250		0029	107	3 0	087		291										
	214		089		0044			98	360		250		002			• 0 ,		294										
		•		T D	0050			97	360		250		0029	1155	5 0	145		294										
	214		089		0066			94	360		250		002					296										
				ro	0075			14	360		253		0027	033	3 0	215		277										
	214		085		0088			0.1	360	9.8	256							249										
			SI		0100			81	360		259		0021	419	5 0	276		217										
			51		0125			93	360		263		0017			324		166										
	214		085	5	0131		16	60	360	27	264	1					15	157										
			51	T D	0150)	16	11	360	2	265	3	0015	6640	0	366	15	146										
	214		089	5 1	0171		15	60	360	21	266	4					15	133										
			51	T D	0200)	1.5	10	359	5	267	0	0014	136	5 0	440	15	121										
			51	T D	0250	}	1.4	0.7	358	1	268	2	0013	314	7 0	508	15	095										
	214	•	083	5	0253	3	14	0.0	357	99	268	2					15	093										
				T D	0300			76	356		269		0012	2056	5 J	571		058										
	214		089		0325		1.2	12	355		270	0					15	039										
	214	•	083		0392				353																			
			51		0400			31	353		271		0009	9996	5 0	682		985										
	214	•	085		0452			18	351		272					7 7 7		950										
			51		0500			18	351		273		0008	1254	• 0	773		920										
	214		089	-	0580		-	84	350		274		0.00	76		4.0		880										
			51		0600			60	350		275		0006			548		874										
			0B3		0700			61	349		276		0005	1174	, ,	911	_	850										
	214		51		0716			20	349	-	276 276		0005	300		966		847										
			51		0900			89	349		277		0005			766 019	_	854										
			51		1000				349		277		0004			068	_	858										
	316		089		1041			.58 .45	349		277		0004	011		~ 6 8		859										
	214		083) I	1041		04	40	349	nn	211	7					14	0.54										

SHIP	LATITU		105	GITUDE	D###	MARS SQU	ARE	- 1	ON 11M GMT)		YEAR	CRU	ISE		TION	Η.	DEPTH TO IDITOM	MAX OEPTH OF		WAV SERVA	TIONS	WE IH CO	£9	CLOUG			NODC STATION NI MBER
		1/10		1/10	-	10.	1-	MO	AY HR	1/10		N(>	NU.	MER		DITUM	S'MPL"	DIE	HGT 4	era se		DE !	3.19(A.U.)			NI MBER
YA	3720	N	06.	200 W		115	72	11 0	8 00	00 1	968	AS	6 0	06			755	15	04	5	4	1,	6	8 8			0000
						- 1	WA		WI		BAR	•		TEMP	TC.	Ť	NO		CIAL								
							coros	TEANS.	DIR.	S*EED	MET	ER	CRT		w E1	ODE	DBS.	CHSERV									
							CODE	IM.		I D I C E	lmb	a)	TULS		ULD		DEFINS										
									11 5	24	16	7	192		150	7	14										
ESSENGE	CASI	CA	10			Ι.	-	Ι.			-	SPEC	IFIC VO	LUME	\$. 011	7 D	501	JND		PC	4-1	FDTA L		NO7−N	NO ₃ -N	SI O.	.5
1 1/10	HO	ĪΨ	P E	OEPTH	Um 1	'	_	,	*/	51G M		AN	D ₩ 4 L 7	-115		103	VELO	DCIT*	O 2 m11		- 617	¥9 €		µg - 01	ур - ан І		
17 10		_	_			-		+		_		-			+	-	+		-	+		-	+			-	_
	1		TD i	000	0	2	276	36	36	250	6	1	291	76	00	0.0	1.6	309					-				
000		08		000			276	36		250		0.			00	-		309									
000			5 T D	001			276	36		250		0.0	292	115	00	29		311									
			TD	002			276	363		250			292		00			313									
000		0.13		002			276	36	-	250		-						313									
000			TD	003			276	363		250		0.0	293	01	00	88		314									
000		0.6		004			276	36		250								317									
000			TD	005			276	36		250		0.0	293	94	01	46		317									
000		08	5	007	4	2.	276	363	355	250	5						15	321									
		\$	TD	007	5	2	274	36	36	250	6	0.0	294	01	04	20	15	321									
000		08	S	009	8	2	217	365	551	253	7						15	313									
		S	T D	010	0	2	209	36	56	254	0	0.0	1262	89	0.4		15	311									
			T D	012		2	107	366		257		0.0	230	25	0.3	51		290									
000		0.8	5	014			019	366	68	260	0							270									
			T D	015			010	366		260		0.0	205	41	04	06		268									
000		08		1019			842	36		263								228									
			TO	020			841	365		263)] 7 t	-	05			228									
			TO	025			801	365		264		0.0	168	124	0.5	87		224									
000		0.8		029			745	364		265								215									
			TO	030			737	364		265		00	160	159	0.0	69		213									
0.00		08		T039			562	360		267		0.0		00	0.0	2.2		171									
			T D	040		1	533	360		267	2	U	145	, 4 U	0.8	23	15	163									
000		OB	S TD	048		7	232	355		269		0.0	123	111	0.0	57	16	074									
000		08		058			017	35		271		01	1143	. 1 1	0.7	,,		009									
000			5 TO	060			968	35		272		0.0	1098	160	10	68		994									
			TD	070			742	35		274			0076			56		923									
000		08		076			632	35		275			, , , ,	, , , ,		-		890									
000			TD	080			609	35		275		0.0	0064	37	14	26		886									
			TD	090			546	35	_	276			0057			87		877									
000		08		T095			515		003	276				~ -		-		874									
			TD	100			506	350		276		0.0	0053	40	13	42		878									
			τD	110			486	350		277			0051			95		886									
		S	τD	120	0	0	466	350	0.0	277	4	0.0	0050	0.5	14	46	14	895									
		S	ΤO	130	0	0	445	340	99	277	5	0.0	0049	28	14	96	14	903									
		5	t D	140	0	0	425	349	99	277		0.0	0047	156	15	44	14	911									
000		08	S	T145	8	0	413	349	985	277	8						14	916									

Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

								4. —Co										
REFERENCE	SHIP	LATITU	DF 1.0	NGITUDE TO	MARSOEN	STATION TO	ME YEAR	ORIGINA		DEPTH TO	MAR	OBS	WAVE	WEA-	CLOUD		NO STA	DC TION
COOR NO	CODI	•	1/10	1/10	10" 1"	MO DAY H	R,1/10	NO N	ATION	#0110M	S'MPL'S		HGT PIET SI	CODE	TTFI AM		No	₩ BE+
311384	YA	3745	N 06	220 W	115 72	11 08 0	THE T	AIR TEL	1 5	4866 NO	16	11	3 3	× 2	8 8		1 0	007
					COLOR	TRANS OIR	SPERO MET	ER DAY	WET COO	201	SPECI-	AL TIGHS						
					-	11	524 15		160 7	13		\neg						
1	MISSINGE	CAST	C A+D	DEETH IM	1 'C	\$ 1/4.	SIGMA-T	SPICIFIC VOLUM		SOL	IND C) 2 ml/l	104=1	10141-	NO2-N	NO3=N	5104-5	p = 0
	TIME 0 HB 1/10	NO.	TYPE	-	-			ANOMASY-ETS	3 103	VELC	00117		₩ • 87	12 AT 1	₽ij - a1	#S 011	⊌g - 01 l	
	,		STD	0000	2343	3639	2488	003079	0000	15	326		[[]
	025		085	0000	2343 2342	36391 3639	2488 2488	0030806	0031	15 15								
			STD	0020	2341	3639	2489	003081		15	329							
	025		085 5 1 0	0027	2340 2341	36386 3639	2489 2489	0030879	0092		330 330							
			STD	0050	2344	3639	2488 2488	0031010		15								
	025		085 5TD	0053 0075	2344 2334	36390 3638	2490	003094	0232	15	336							
	025		085 5TD	0080	2327 2283	36373 3650	2492 2514	0028731	0306		335 329							
	025		085	0107	2263 2166	36540 3660	2523 2555	002494	0 3 7 3		326 305							
			STD	0150	2055	3665	2589	002176		15	280							
	025		085 510	0161	2015 1921	36 6 62 3661	2601 2621	001884	7 0533		271 251							
	025	•	085	T0214	1895 1871	36593 3657	2627 2631	001808	3 0626		246 245							
			STD	0250 0300	1838	3654	2637	001767		15	243							
	025		085 510	0320	1825 1773	36523 3646	2639 2647	0017030	0 689		243 240							
	025		085	0424	1754	36437	2650	001697		15	2 18							
			STD	0500 0600	1726 1597	3636 3615	2651 2666	001583		15	217							
	0 2 5		085 STO	0634 0700	1530 1278	36049 3568	2673 2698	001271	1365		200 125							
			STD	0800	0963	3526	2724	001011		15	990							
	025		085 510	0900	0853 0751	35132 3508	2732 2743	000813		14	960							
	025		S10 085	1000 11055	0600 0532	3500 34969	2757 2763	000662	1645		916 897							
	0.		STD	1100	0522	3497 3497	2765	000589		14	901 909							
			STD 510	1200 1300	0501 0479	3497	2 7 67 2770	000570	1821	14	917							
			ST0 ST0	1400 1500	0458 0436	3498 3498	2772 2775	000531			925 932							
	025	.	085	11590	0417	34979	2777	*******		14	940							
REFERENCE				1	MARSDEN	STATION TI	1	ONGIN	TOPS	DEFIN	MAL		WAVE	WEA	LCLOUD		1	
CTIT ID.	CODE	LA TITU	1/19	HGITUDE \$ 5	SQUARE	MO GAY H	YEAR	CRUISE S	ATION	TO MOTTOM	DEPTH OF S'MPL*S		HGT FEET S	THER	CODES		STA NU	110N M818
311384	YA	3756			-	11 08 0		1	3	4866	16	11		3 X1	8 6		0	008
					WAT		SMIO MET			NO. OBS. DEFTHS	SPECI OBSERVA	AL TIONS						
					COLOR			ER DRY	WII ICOD									
1	MESSINGE				COLOR	(m) UIL	roici (mb	el full		_								
		CALL	C185		CODE	15	526 13	9 200	170 7	13	IMD	\exists	101	10141-1	NOTEN	NON	51051	
	HB 1/10	CAST NO.	CARD TYPE	DEFTH (m)			FOICE UND	el full	170 7	13	לווס (); ml/l	FO2=F	101A L=P µg - e1/1	NO2=N vg - 01/1	NО3−N ид - αг/1	\$) O4-\$+ ug = 01/1	э н С
	HB 1/10	CAST NO.	110[-	CODE	5 %.	S26 13	SMCDIC VOLU- ANOMALT-21	170 7	13 SOU VELO	CITY	02 का/1						э н С
	044		STO OBS	0000	2312 2312	15	526 13	9 200	170 7	13 sou vec		0; ml/l						эH С
	HB 1/10		STO OBS STO STO	0000 0000 0010 0020	2312 2312 2315 2316	3635	\$26 13 \$1GMA-1	SMCDIC VOLU- ANOMALT-21	170 7	13 sou vec	318	0; #1/1						рH С
	HB 1/10		510 085 510 510 085	0000 0000 0010	2312 2312 2315	3635	\$26 13 \$1GMA-1	SMCDIC VOLU- ANOMALT-21	170 7	13 sou vec	318	02 ml/l						9H CC
	044		510 085 510 510 085 510 510	0000 0000 0010 0020 0028 0030 0050	2312 2312 2315 2316 2317 2317 2317	3635	\$26 13 \$1GMA-1	SMCDIC VOLU- ANOMALT-21	170 7	13 sou vec	318	02 m1/1						»н sc
	044		510 085 510 510 085 510 510 085 510	0000 0000 0010 0020 0028 0030 0050 0054 0075	2312 2312 2312 2315 2316 2317 2317 2317 2315 2314 2315	3635	\$26 13 \$1GMA-1	SMCDIC VOLU- ANOMALT-21	170 7	13 sou vec	318	02 ml/l						эн SC C
	044		510 085 510 510 085 510 510 085	0000 0000 0010 0020 0028 0030 0050 0054	2312 2312 2315 2316 2317 2317 2317 2317 2317	3635	\$26 13 \$1GMA-1	SMCDIC VOLU- ANOMALT-21	170 7	13 sou vec	318	03 ml/l						pH CC
	044		\$10 08\$ \$10 \$10 08\$ \$10 \$10 08\$ \$10 08\$ \$10 08\$	0000 0000 0010 0020 0028 0030 0050 0054 0075 0082 0100 0109	2312 2312 2312 2315 2316 2317 2317 2317 2315 2314 2315 2306	3635	\$26 13 \$1GMA-1	SMCDIC VOLU- ANOMALT-21	170 7	13 sou vec	318	32 ml/l						эн с с
	044		\$10 085 \$10 85 \$10 085 \$10 085 \$10 085 \$10 085 \$10 085	0000 0000 0010 0020 0028 0030 0054 0075 0082 0100 0109 0125 0150	2312 2312 2315 2316 2317 2315 2315 2315 2315 2316 2316 2316 2316 2316 2316 2316 2316	3635	\$26 13 \$1GMA-1	SMCDIC VOLU- ANOMALT-21	170 7	13 sou vec	318							эн с с
	044		\$10 08\$ \$10 \$10 08\$ \$10 \$10 08\$ \$10 08\$ \$10 08\$	0000 0000 0010 0020 0028 0030 0050 0054 0075 0082 0100 0109	2312 2312 2315 2316 2317 2317 2314 2315 2316 2316 2316 2316 2316 2316 2316 2316	3635	\$26 13 \$1GMA-1	SMCDIC VOLU- ANOMALT-21	170 7	13 sou vec	318	المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة المراجعة						pH CC
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Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

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Table V. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 7–8 November 1968, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1384.—Continued

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CODE NO.	SHIP COOE Y A	3950	CARO TITE	NGITUDE 1970 400 W	0387 MARSON SOUARE 10° 11' 115 94 COLOR COOF	34967 STATION TI (GMT) MO DAY H 11 08 4 TER 26 1 5 1/4.	2786 ME TE RIT/10 215 19 STID STID SIGMA 2524 2524	PAR PAR PAR PAR PAR PAR PAR PAR PAR PAR	ORIGINA A 56 01 A 56 01 B B B B B B B B B B B B B B B B B B	AATOR'S STATION NUMBE 2 MP T BULL 151	VIS CODE 5 7 ★ △ O OYN. M X 10 ³	14 DEPTH 100 BOTTOM 4572 NO. 085 OEPTHS 14 SOU VILO 152 152	MAX OEPTH OF SIMPL'S 16 SPEC OBSERVA	26 IAL ATIONS	3	THER CODE X1	6 7		S104-\$	OO12
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.

REFERENCE			-		MAR	INEW	STATION	TIAL S		I degin	A TOR	2	DEFTH	MA		WAVE	т,	N FA-	CIUUD			NDOC	
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			5 T C			813	3656	264		001613	9			200									
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		5 T D			834	3648	263		0016			034		5196							
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044		510			812	3649	264		0016	5536	. 0	084		5194							
		STD			771	3647	264		001			125	1	5186							
044		085	0095		746	36449	265						1	5182							
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		510			722	3643	265	8	001			202	1	5180							
044		085	T0135		716	36420	265	8					1	5179							
		510	0150	1	715	3642	265	8	001	5116	0	240	1	5182							
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		STD	0250	1	706	3641	266	0	0015	5316	0	392	1	5195							
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		STD			115	3556	272		001			152		5084							
		510			982	3542	273		000			252		5051							
		STD			852	3529	274		000			342		5018							
		STD			725	3518	275		000			421		4984							
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

CTET ID.	SNIP	LATITU .	- 1	LONGIT		8 1	ABSORN BEAUG		GMI		YEAR	CRUIS NO.		ATORS	-	OEPTH TO BOTTOM	OFFIT	0	BSERV	VE ATIONS	WEA-	CLOUD CODII		5	NODÇ IATION UMBER	
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			085		0276		1652		260		61		• /				182									
	0.78		51		0300		1621	36			62	0.0	1521	0	0456		175									
			085	-	0379		1515		968		70	00		•			153									
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE	SHIP				MARSDEN	STATE	ON TIME			IGINATO	ers	OEPTH	4 M	Αχ	w	A VE /A TIONS	WEA	ı. Cı	auo			NDDC STATION	
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			STD	0050	1728	364	4 2	657	0014	932			169										
	148		085 STD	0051 0075	1727 1723		5 2	659	0014	633		15	172										
	148		OBS STD	0076 0100	1723			659	0014	730			172										
	146		085	0101	1718	364	63 2	661				15	175										
			5T0	0125	1718			661	0014				5179 5183										
	148		085	10151	1717			660	0015				5183 5191										
			510 510	0200	1718 1719			660	0015				200										
	148		OBS STD	0287	1720 1720			660	0015	445			206 208										
			510	0400	1718	364	6 2	661	0015			15	224										
	148		085 51D	T0412 0500	1717			661	0015	914			5226 5236										
	148		OBS	T0531	1699	364	21 2	663	0014			15	239										
	148		51D 0B5	0600 0613	1543 1511			676	0014	440			191										
	148		STO OBS	0700	1334			710	0013	488			144										
	140		510	0800	1114	354	7 2	713	0011			15	082										
	146		STO OBS	0900 10961	0869 0746			744	0008	278			0008 970										
			510	1000	0.720	352	0 2	757	0006				966										
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CODE NO	SHIP CDOE YA MESSINGE THE 1/10	3800	CAPO TYPE STD OBS STD	DIFFE (M)	VARSDEN SOU ABE	STATIS (G	WINDOW 50 52	196 A A A A A A A A A A A A A A A A A A A	0 A 5 7 0 A 18 0	STATI NUM DOG TEMP	3 E	DEPTH TO SOTTON 4480 NO OBS DEPTHS 13	DEF OF S'MP	TH DF	6	3	7 M 68 COE!	1 8	2		5 24-51	0000	6
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

FERENCE ID.	SHIP CODE LA	1/10 L	DHGITUDE	MARSDEN SQUARE	STATION TI IGMTI	TEAR		ATDR'S	DEPTH TD TOTTON	MAI DEPTH DF S'MFL"		WAVE ERVATIONS	W EA- THEF CODE	CLOUD		5	NODC TATION
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		510	0020	2238	3638	2518	002804	9		303							
	015	085	0029	2238	36379	2518				305							
		510	0030	2229	3638	2520	002785	6	15	303							
	015	OBS	0045	2111	36422	2556				275							
		STD	0050	2086	3641	2562	002392	7		269							
	015	085	0070	1998	36406	2586			15	249							
		510	0075	1979	3643	2593	002114	3		245							
	015	085	0092	1926	36501	2612				234							
		SID	0100	1919	3651	2614	001916			233							
		S T 0	0125	1895	3654	2623	001844	3		231							
	015	OBS	T0138	1881	36545	2627				229							
		STO	0150	1864	3654	2631	001777	5		226							
	015	085	0190	1813	36501	2641				216							
		510	0200	1800	3647	2641	001691	7		215							
	015	085	10245	1760	36420	2648				210							
		510	0250	1760	3643	2648	001643	1		211							
	015	OBS	T0291	1754	36472	2653		_		217							
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		510	0500	1598	3610	2662	001590			200							
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

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REFERENCE	SHIP				70 V	PSDEN	STA	TION T	IME		T	ORIG	INAT	DA'S		DEPTH	MAX		WA	VE	WEA-	CLONO	Т-		NOOC
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	H# 1/10			+			+-		+		1				103	VILL	CITY		,	4 - 81 1	µg · 61/1	₩g - 01/1	yg - el/	₩B - 6	1/1
	I																								
	103		TD	0000		1729	36		264		0	0159	B 4	00	00	151									
	107		5 TD	0000		1729		275	264							151									
	107			0010		1729	36		264		0	01599	16	00	16	151									
	107		70	0010		1729 1728	36		264 264		-					151									
			T D	0030		1723	36		264			01608 0160		00		151									
	107			0032		721	362		264		0	0100	, 7	00	40	151									
			T D	0050		701	360		263		0/	01736	. 5	00	د ه	151 151									
	107			0051		1697	500		203		01	01136	,,	00	0.2	151	1 20								
			TD	0075		500	358	1.1	266	. 1	0.0	01456		01	2 1	150	196								
	107			0077		487	358		266			01.50				150									
			TD	0100		380	351		268		0.0	0126	7.8	01	56	150									
	107	08:	5	0102	1	372	357	730	268						-	150									
		5	TD	0125	1	303	35€	2	268	8	0.0	01210	0.6	01	86	150									
		5	T D	0150	1	240	355	3	269	4		01162		0.2		150									
	107	089	5	TO153	1	233	355	18	269							150									
		5	T D	0200	1	152	354	5	270	5	0 (01071	4	0.2	72	149									
	107			0206]	144	354	38	270	5						149	95								
			r o	0250		108	353	9	270	8	0 (1046	16	03	25	149	89								
	107			T0256		099	353		270	9						149	186								
			T D	0300		999	352		271		00	00952	1	03	75	149	56								
	107			0308		982	352		272							149	51								
		51		0400		798	351		273			00769		046		148									
		51		0500		646	350		275		0.0	00648	17	05	3.2	148									
	107	089		0517		625	350		275							148									
		51		0600		565	350		276			00561		059		148									
	107			0758		481	349		276		00	00499	1.1	064	+6	148									
	101	51		0800		471	350		277		0.0			0.0		148									
		51		0900		450	350		277)0466)0449		064		148									
		51		1000		431	350		277			0434		078		148									
	107	089		T1019		428	350		277		00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		010	, ~	148									
		51		1100		417	349		277		0.0	0436	6	082	7	148									
		51		1200		404	349		277			0444		087		148									
		51		1300		393	349		277			0447		091		148									
	107	OBS		T1351		388	349		277				_	J		148									
		ST		1400	0	384	349	6	277		0.0	0448	0	096	-1	148									
		5 7		1500	0	376	349	6	278			0446		100		149									
		5.1		1750		364	349	6	278	1	00	10451	2	111	8	149									
	107	085	,	11876	0	362	349	55	278	1						149	65								

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

FERENCE	SHIP	LATITL		NGITUDE \$	MARSDEN	STATION TO	M1 YEAR	DRIGINA		DEPTH	MAX, DEPTH	Date	NAVE RVATIDNS	WEA	CLDUD			NDDC
T ID.	CDDE		1/10	1/10	10* 11*	MD DAY H		CRUISE STA	ATION	BOTTOM	DF 5'MPL'S		4GT PER 31	CODE				STATION NUMBER
•								+			1					1		
1479	I Y A	3932	N 106	340 W	115 93		34 1969	A57 011	*	4355	19	02	5 3	x 2	1 B B	1	- 1	001
					-		SHIO METE	D	WET CO		SPEC	IAL						
					CODE	TEANS DIR.	POTCE (mb)		BULB CO.	DEPTHS	DESERVA	IIDNS						
						0.2	522 20	0 058	041 B	15								
1	MESSENGE	CAST	CARD	DEPTH IMI	1,2	3 1/4.		SPECIFIC VOLUM	E A	501	UND		PD4=P	TOTAL-F	NO2-N	NO,-N	5105	
	TIME (NO.	TYPE	DEPTH DMI	' '	,	\$1G M A - T	ANDMALT-ETO"	2 10 ²	YELD	CITY	D 2 m1/1	+9 - 61/1	#8 - e1/1	µg = 41/1	νg = αι. Ι	μg - 01/	
				1			1				-							1
	1		510	0000	1	3603		1	,	1						1	1	
	134		085	0000		36028												
	-		510	0010		3605												
	134		085	0010		36045												
			510	0020		3605												
			STO	0030	1680	3605	2638	0016633			147							
	134		085	0030	1680	36046	2638			15								
	134		0.85	0047	1682	36047	2638				150							
			STO	0050	1679	3606	2639	0016584		15								
	134		085	0071	1661	36133	2649	2015101			149							
			510	0075	1648	3613	2652	0015436		15								
	134		085	0094	1585	36126 3604	2667	0014377		151 151								
			5 T 0	0100	1566 1487	3574	2664 2659	0014951			799							
	134		085	0140	1401	35621	2034	0014431		10	, , ,							
	1 34		510	0150	1405	3561	2667	0014277		150	075							
	134		085	0187	1279	35536	2687			150								
	154		STD	0200	1219	3548	2694	0011729		150								
	134		085	10232	1118	35387	2706				989							
			510	0250	1107	3540	2709	0010395		14	988							
	134		085	10276	1085	35406	2714			149								
			STO	0300	1032	3535	2719	0009568			969							
			510	0400	0837	3515	2735	0008068		14								
	134		085	0461	0739	35067	2744				882							
			510	0500	0689	3505	2749	0006790		14								
			510	0600	0581	3501	2761	0005754		148								
	134		085	0681	0516	34996	2767	0005033		144								
			510	0700	0509	3500	2769	0005022		148								
			510	0800	0477	3503 3505	2775 2779	0004512		148								
	134		510 085	0900 T0932	0450	3505 35058	2781	0004135		148								
	134		510	1000	0442	3505	2781	0004026		148								
			510	1100	0422	3504	2782	0004026		148								
			510	1200	0411	3503	2782	0004092			872							
			510	1300	0400	3502	2782	0004119			884							
			510	1400	0391	3501	2783	0004167		14								
	134		085	1425	0389	35009	2783			14								
			510	1500	0383	3500	2783	0004224		14								
			510	1750	0366	3499	2783	0004283		14	946							
	134		085	T1927	0357	34981	2784			14	972							

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

	HIP LATITE	UDE LO	ONGITUDE 200	MARSDEN SQUARE	STATION TI	ME TEAR		TION	DEPTH TO BOTTOM	MAX. DEPTH OF		WAYE BYATIONS	WEA- THER	CLOUD		5.7	ODC	
COOK NO.		1/18			MD DAY H			MBER	4755	15		7 3	CODE X 1	8 5		-	0012	
311479 Y	A 3946	5 N D6	5354 WI	115 93	TER V		BO- AIR TEMP	*C VIS.	1.0	SPECII	AL	1 2	1 ^1	1 013	1	1	30 121	
				COLDR	TRANE DIR	POICE D	AUL9	IULN	DEPTHS	OBSERVA!	nons							
					02	523 2	T .	45 8	15	_								T.
M.	SSENGE CAST	TYPE	DEFTH (m)	1.2	s *4.	SIGMA-T	ANOMALT-1167	₹ △ D	AET C	CITY C	2 m1/1	PO4-P pg = ai/1	1014 L=P	NO2~N ≠g - αl/l	NO3-N	51 Da=\$1 pg = e1/1	ьH	200
																		П
	155	510 085	0000		3557 35566													
	155	510 085	0010	1448 1448	3557 35565	2654 2654	0015075		150	066 066								
	177	510	0020	1448	3556	2654	0015112		150	068								
	155	STD 085	0030	1448	3556 35562	2654 2654	0015156			069 069								
		STO	0050	1442 1442	3555 35552	2654 2654	0015165		150	070 070								
	155 155	085 085	0050 0073	1200	35269	2682			14	990								
	155	\$1D 08S	0075 0095	1199 1189	3528 35346	2683 2690	0012504		14									
		STD STD	0100	1189 1190	3535 3539	2690 2693	0011872			992 997								
	155	OBS	T0140	1190	35415	2695				999								
	155	5TD 085	0150 0189	1196 1197	3545 35514	2696 2701	0011392		150	211								
	155	\$10 085	0200 T0234	1190 1153	3550 35440	2701 2704	0011043			010								
		510	0250	1125	3541	2707	0010643		14	995								
	155	085 510	T 0 2 8 0 0 3 0 0	1070 1020	35345 3530	2712 2717	0009730		14	964								
	155	510 085	0400 0461	0802 0697	3510 35020	2737 2746	0007902		14									
		ST0 5T0	0500 0600	0646 0541	3501 3499	2752 2764	0006472			852 826								
	155	085	0656	0499	34981	2768			14	818 820								
		510 510	0700 0800	0486 0459	3500 3502	2771 2776	0004734 0004362		14	826								
	155	085 510	70846 0900	0448 0439	35024 3501	2777 2777	0004294			829 834								
		STO STO	1000	0423	3500 3499	2778 2779	0004270			844 854								
	155	085	T1135	0405	34984	2779			14	858								
		ST0 STD	1200 1300	0398 0388	3498 3498	2779 2780	0004288 0004289			866 879								
			1400	0381	3497													
		5TD 5TD			3497	2780 2781	0004324			893 907								
	155	510 085	1500 T1533	0375		2781 2781 2781			14									
REFERÊNCE SH	IP LATITU	510 085	1500 T1533	0375 0374	3497 34965	2781 2781	ORIGINATO	IDN	14 14	907 912 MAX DEPTH OF	DBSER	VA VE	WEA THER	CLOUD		N ST	DDC 110N	
CIET ID. COI	IP LATITU	510 085	1500 T1533	0375 0374	3497 34965 STATION TO IGMT!	2781 2781	ORIGINATE STATE	TON 48EF	DEPTH TO BOTTOM	907 912 MAX DEPTH OF S'MPL'S	D# H	GF #4 SE	WEATHER CODE	TODES		- + NU	M- HED	
CIET ID. COL	DE LATITU	510 085	1500 T1533	0375 0374	3497 34965 STATION TO IGMT! MO DAY HE	2781 2781 1/10 79 1965 ND EA	ORIGINATO CPUISE STA' NO A 5 7 0 1 3	TION (BE)	DEPTH TO BOTTOM	907 912 MAX DEPTH OF S'MPL'S	0# H	GF #4 SE	CDDE	CODES		- + NU	ODC NION MHEP	
CIET ID. COI	IP LATITU	510 085	1500 T1533	0375 0374	3497 34965 SIATION TU IGMTI MO DAY HE 04 21 1 18 W	2781 2781 4E TEAL 1/10 79 1965 ND BA 1/10 01 01 01 01 01 01 01	O004362 ORIGINATE	TON AREA	14 14 DEPTH TO BOTTOM 4609 NO. OBS DEPTHS	MAX DEPTH OF S'MPL'S	0# H	GF #4 SE	CDDE	TODES		- + NU	M- HED	
oter 10. cool No. col	DE LATITU	510 085	1500 T1533	0375 0374 MARSDEN SQUARE 10° 1° 11 115 94 C WAT COLOR	3497 34965 STATION TIZ IGMT! MO DAY HE DIA 21 1 EB W TEAMS DIR	2781 2781 AE TEAL 1/10 79 1965 ND ME OF ONE OF OWN 20101 (ME SECTION OF OWN 521 20	0004362 ORIGINATO	TON MEET VIS CODE ULB CODE	14- 14- 14- 10- 80-10- 460-9- NO. OBS DEPIMS	MAR DEPTH OF SIMPLIS	DBSER DB H	GANESSE	THER CODE	8 2	NO. IN	0	M- HED	3
CIP 15. COI NO. COI 311479 Y	IP LATITU	510 085	1500 T1533	0375 0374	3497 34965 SIATION TU IGMTI MO DAY HE 04 21 1 18 W	2781 2781 4E TEAL 1/10 79 1965 ND BA 1/10 01 01 01 01 01 01 01	O004362 ORIGINATE	TON AREA	14 14 DEPTH TO BOTTOM 4609 NO. OBS DEPTHS	MAX PEPTN OF S'MPL'S 10 SPECIA	0# H	GAME SI	CDDE	8 2	NO3−N ug of I	NO 0	M- HED	100
CIP 15. COI NO. COI 311479 Y	LATITU	510 085 DE LO 1,10	1500 T1533	0375 0374 MARSDEN SQUARE 10° 1° 11 115 94 C WAT COLOR	3497 34965 STATION TIZ IGMT! MO DAY HE DIA 21 1 EB W TEAMS DIR	2781 2781 AE TEAL 1/10 79 1965 ND ME OF ONE OF OWN 20101 (ME SECTION OF OWN 521 20	0004362 ORIGINATE STAND NUM A57 013 ROTER DPT NUM RUB	TON MEER VIS COOK ULB COOK OF A DOT N. M.	14- 14- 14- 10- 80110M 4609 NO. 085 DEPINS 15	MAX PEPTN OF S'MPL'S 10 SPECIA	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	1000
311479 Y Miss	LATITU A 3957 RINGE CAST WILD NO	DE LO 1,10 N O6	1500 T 1533	0375 0374	3497 34965 SIATION 193 (GWT) MO QAY H9 24 21 1 19 W TEAME OIR 04 5 °4.	2781 2781 AE TEAL 1/10 79 196: 10 Mm	0004362 ORIGINATE STAND NUM A57 013 ROTER DPT NUM RUB	TON MEER VIS COOK ULB COOK OF A DOT N. M.	DEPTH TO BOTTOM 4609 NO. OBS DEPTHS	POT POT POT POT SYMPL'S 10 SPECIA OBSERVATION	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	3 0 0
311479 Y Miss	LATITU LATITU A 3957 SENCE CAST WE or NO	CARD TYPE	1500 T1533	0375 0374 MAPSOIN SQUARE 10° 115 94 C COLCE COOK	3497 34965 SIATUN THE IGNT! MO DAY HE DA 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2781 2781 AE TEAN 1/10 79 196: MIND IA MIND	O004362 OBIGINATE CRUSS STA' NO NO NO ABTEMP FEB OPE BULE 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB O	TON MEER VIS COOK ULB COOK OF A DOT N. M.	14 14 14 14 16 16 16 16 16 16 16 16 16 16 16 16 16	907 912 MAR OF PEPTH OF S'MPL'S 10 SPECIA ORSEP-ATI	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	200
Crost U.S. Crost U.S. Crost U.S. Crost U.S. Crost U.S. Crost U.S. U	LATITU A 3957 RINGE CAST WILD NO	STD OBS CARD TIPE STD OBS STD OBS OBS	1500 T1533 NGITUDE 100 1/10 W 000 405 W 000 0000 0000 0000 0000 0000 0000 0	0375 0374 ************************************	3497 34965 SIATION TO GMT HI OF GMT I	2781 2781 AE TEAL 1/10 1/10 1/10 1/10 1/10 1/10 1/10 1/10	O004362 ORIGINATO CRUSS 51A' MOS NAS 70.3 A 5.7 0.3 A 5.7 0.3 OTHER OF THE OF THE OTHER OF THE OTHER OTH	TON MEER VIS COOK ULB COOK OF A DOT N. M.	14 14 DEPTH TO BOTTOM 4609 NO. OBS DEPTHS 15 15 1 15 1 15 1 15 1 15 1 15 1 15 1	907 912 MAX DEPTH OF SYMPLIS 10 SPECIA OBSEP-ATI	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	300
Cord NO. CO	A 3957	DE LO LO LO TYPE STD OBS STD OBS STD STD	1500 T1533 MGITUDE E E E E E E E E E E E E E E E E E E	0375 0374 MAPSOIN SQUARE 1115 94 COCCA COOR 1 T	3497 34965 SIATION TO IGMT! MO DAY PIR 24 21 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2781 2781 AE TEAN TEAN TEAN TEAN TEAN TEAN TEAN TE	O004362 OBIGINATE CRUSS STA' NO NO NO ABTEMP FEB OPE BULE 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB OPE BULL 8 FEB O	TON MEER VIS COOK ULB COOK OF A DOT N M	DEPTH TO BOTTOM 4609 NO. OBS DEPTHS 15 SOU VELO	907 912 MAX DEFTH OF 10 SPECIA 08128-AT	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	300
Cord NO. CO	179 LATTIU	CARD TYPE STD OBS STD OBS STD OBS STD OBS STD OBS	1500 T1533 Notitude 2 2 2 2 2 2 2 2 2	0 3 75 0 3 74 0 3 74 10° 11' 11' 11' 11' 12' 12' 12' 12' 12' 12'	3497 34965 S1ATION TIZ GAYT MO GAY PR 24 21 1 18 04 5 1/. 3633 36343 36343 36343 36351 36351 36351 363535	2781 2781 AE TEAL 17/10 79 190: ND IA MED AM 500: S21 26 30 26 30 26 30 26 30 26 31 26 31 26 31 26 34	ONGINATO CRUSS 51A' NOS NOS NOS NOS NOS NOS NOS NOS NOS NOS	TON MEER VIS COOK ULB COOK OF A DOT N M	14 14 14 16 16 16 16 16 16 16 16 16 16 16 16 16	907 912 MAT DEPTH OF STAPLIS 10 SPECIAL OBSEPTATION OF SEPTATION OF	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	300
311479 Y	179 179 179	STD OBS CARD 1776 STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS	0000 0000 0000 0000 0000 0000 0000 0000 0000	0 3 75 0 3 74 0 3 74 0 3 74 1 15 1 2 4 1 15 1 2 4 1 15 1 15 1 15 1 15 1 15 1 15 1 15 1	3497 34965 SIATION TO CAY FIRST CO. SIATIO	2781 2781 AE TEAL 17/10 79 1965 MD MM STILL MM	ONO 4 36 2 ORIGINATO CPUSS 51 A1 NOS NOS 10 13 ON 15 TOP 15 ON 15 TOP 15 ON 15 TOP 15 ON 15 TOP 15 ON 15 TOP 15 ON 15 TOP 15 ON 17 36 8 ON 17 36 8 ON 17 36 6 ON 17 29 2	TON MEER VIS COOK ULB COOK OF A DOT N M	14 14 DEPTH TO OPEN TO	907 912 MAT DEFIN OF STORPES OF	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	700
311479 Y	IP LATITUDE CAST INC. CAST	STD OBS CARD ITEL STD OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS	1500 T1533 NGITUDE 100 405 W 0000 0000 0000 0000 0000 0000 0000	0 3 75 0 3 74 0 3 74 0 3 74 115 94 CCCC6 1808 1808 1808 1808 1805 1805 1804 1740 1740 1740 1677 1677	3497 34965 SIATION 1111 W	2781 2781 AE TEAL 17/10 1903 1903 1903 1903 1903 1903 1903 19	ONGINATO CRUSS 51A' NOS NOS NOS NOS NOS NOS NOS NOS NOS NOS	TON MEER VIS COOK ULB COOK OF A DOT N M	14 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	907 912 MAT DEFM OF STATE OF	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	300
CIPT U.D. COOR NO. CO	LATITUDE	STD OBS DE LO 1,10 N O6 N O6 STD OBS STD	1500 T1533 Waltube 28 405 W	0 3 75 0 3 74 0 3 74 10° 11 115 0 4 12 115 1 15 9 4 12 12 12 12 12 12 12 12 12 12 12 12 12	3497 34965 S1ATION 1512 MO DAY 1814 10 04 S 14. S 14. S 14. S 16.	2781 2781 AE TEAN 12/10 79 1965 ND IA MITTER 10/10 10/	ONG 4362 ORIGINATO CRUIS STAIN MOS NO TO 13 AN TEMP OPT NO TO 13 ON TO 15 ON TO 15 ON TO 15 ON TO 15 ON TO 15 ON TO 15 ON TO 17	TON MEER VIS COOK ULB COOK OF A DOT N M	14 14 14 16 16 16 16 16 16 16 16 16 16 16 16 16	907 912 10 10 10 10 10 10 10 10 10 10 10 10 10	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	700
Ciri 10, Corona No. Corona	179 179 179 179	510 OBS DE	0000 0000 0000 0000 0000 0000 0000 0000 0000	1808 1808 1808 1808 1808 1808 1808 1808	3497 34965 SIATION TO CAY FIRST OR A STATE	2781 2781 79 1965 79 1965 1007	ONO 4 36 2 ORIGINATE CPUSS 51 A' NO 1	TON MEER VIS COOK ULB COOK OF A DOT N M	14 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	907 912 MAT 10 10 11 11 11 11 11 1	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	200
Curi 10, Co	IP LATITUDE	510 OBS DE 10 10 10 10 10 10 10 10 10 10 10 10 10	0000 0000 0000 0000 0000 0000 0000 00050 00050 00055 0	0 3 75 0 3 74 0 3 74 0 3 74 1 15 1 2 4 1 2 4 1 2 5 1 8 0 8 1 8 0 9 1 1 7 8 1 7 9 1 6 7 7 1 7 8 9 1 7 9 9 1 9 9	3497 34965 SIATION TO THE TO	2781 2781 AE TEAL 17/10 19 1965 SC1 20 SIGMA-T 26 30 26 30 26 30 26 30 26 31 26 31 26 31 26 31 26 36 26 49 26 59 26 67 26 78 26 78 26 93	ONO 4 36 2 ORIGINATO CPUSS 51 A) NO 1 AS 7 O 13 ORIGINATO CPUSS 51 A) ORIGINATO CPUSS 51 A) ORIGINATO CPUSS 51 A) ORIGINATO OPT 51 O 13 ORIGINATO OPT 51	TON MEER VIS COOK ULB COOK OF A DOT N M	144 144 160 CEPTIN 160 COPTIN 907 912 3000 3000 3000 3000 3000 3000 3000 30	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	PUU	
Ciri 10, Co Co Co Co Co Co Co C	IP LATITUDE	510 OBS CAND 1-10 10 00 00 00 00 00 00 00 00 00 00 00 0	NGITUDE 1/10 8 4 405 W 4	0 375 0 374 ***********************************	3497 34965 SIATION TITLE O	2781 2781 AE TEAL 17/10 1901 MID IA 1001	ONO 4362 OBIGINATO	TON MEER VIS COOK ULB COOK OF A DOT N M	144 144 144 144 146 146 146 146 146 146	907 912 912 10 587(5) 10 85 85 85 85 87 87 87 86 86 66 93 33 31 10 97	DBSER DB H	PO4=7	THER CODE	8 2		NO 0	M- HED	200
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

	SHIP	LATITU	DE	LONGITUDE 3	MARS	DEN ARE	STATIC	DN TIA	AE .	TEAR	CRUISE	RIGINA	TOR'S		DEF	, O	MAX EPTH DF	Desi	WAV ERVA	E NDNS	WEAT	CLDI			5.7	ATION
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	20.	3	085	0044	1	855	363		262							1520										
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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

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Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

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				TΩ	110			413	34	97	2	77	7	0.0	0447	8	07	11	14	856										
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	139	,	OB:	5	T150	0	0	188	34	4962	2	78	0						14	909										

Table VI. Observed and interpolated oceanographic data taken by USCGC YAKUTAT, 20–22 April 1969, on North Atlantic Standard Monitoring Section A5. Prepared from NODC listing number 31-1479.—Continued

REFERENCE CTRY ID.	SHIP CODE	LATITUDE	LONG	SITUDE LOOK	MARS	ARE		MTI		TEAR	CRUIS		TATIO	N	08/ TO	0	MAX. DEPTH DF	1	WAVE ERVATIO		WEA- THER CODE	CLOUD		S .	NODC FATION UMBLE	
NO.	+	1/10	1	1/10	10,	1* /	wo a	HR HR	.1/10		NO.	 '	NUMBI	K.			Z.MbF.Z	Dis	H GT PFR	58 A		147 A M	1		O MI DEL	
311479	YA	4128 N	065	11 w	151)4 2.	2 0	62 1	969	A5				26	70	15	30	1 2		× 1	6 3	İ		0017	
						WAT	\rightarrow	w	IND	BAR		AIR TE	_	VIL	NO		SPEC	CIAL								
						COOE	TRANS	DIR.	SPEED	M ET I		DEY	BUL.	COD	DEP	THS C		ATIONS								
					-		-	+	10101	+-			_	-	-	. +	_	\rightarrow								
					,			30	504	20	9 (36	02	0 7	14	4										-
		9 NO. 11	10	DEPTH (m)	,	'c	5.	4.	SIGM	A-T		VALT-E	m t 0'	₹ △ D 0YN. W 103	·. ,	SOUN VELOC		02 mi/l	PO _A =		DTAL=P	NOy-N ug - alri	NO ₃ -N	51 O4 - 51 49 - 61/1	βН	S C
	HR 1/10	+ + -	-		-		-	_	_		-		+		+		-		+	+			_	_	-	+
					١ .		224		25.7		١		,	0000	1.		00			-	-					11
			T D	0000		50	326		257		00.	230	1	3000		146										
	062			0000		50	326		257			706	,	2020		146										
		_	T D	0010		41	333	,	263	5	00	705	,	0020		147	06									
	0.62		-	0010		41	220		241	,	00.	427		0036	,	1 . 0	10									
			TD TD	0020		81	3384		264			576		0052		148 148										
	062			0030		20	341		264		00	210	0	0072		148										
	062		1D	0050		195	343		266		001	414	2 1	0082		148										
	062			0050		95	343		266		00.	1 -		0001		148										
	062			0074		82	3521		268							149										
	002		T D	0075		84	352		268		001	215	6	0115		149										
	062			0099		18	353		268							150										
			TO	0100		16	353		268		001	209	6	0145		150										
			10	0125		2.8	354	5	269		00	188	7	0175		150	11									
	0.62	0.8	S	T0148	1.7	37	355	12	269	3					:	150	18									
		S	TO	0150	17	243	355	3	269	3	00	168	4	0205	. :	150	21									
	062	0.8	S	0198	12	261	355	5.3	269	2						150	35									
		S	T D	0200	12	43	355	3	269	3	001	181	5	0264	. :	150	29									
	062	0.8	5	0247			349	75																		
		S	TO	0250	0.6	39	349		272		000	899	7	0316		148										
	062	QB	S	0296		69	349	59	275							147	87									
		S	10	0300	0.5	67	349	7	275		000	1547	5	352	1	147	86									
			T D	0400		28	349		276		000	520	5	0405		147										
	062			0492		98	349		276							147										
			ŢĐ	0500		97	349		276			500		0456		147										
			T D	0600		79	349		276			490		0506		148										
			TD	0700	0.4	64	349		277	0	000	483	3	0555	- 3	148	10									
	062			0740			349			-							~ .									
			TD	0800		49	349		277			474		0602		148										
			TD.	0900		36	349	,	277	3	000	469	2	0650	,	148	32									
	062			0987		25	34.0		277		00	14.67		3696		140	. 2									
			10	1000		23	349		277			1463 1460		0742		148 148										
			TD TO	1100		13	349		277			146U 1456	-	0788		148 148										
			T 0 T 0	1200		194	349		277		-	454		0834		148										
			TD.	1400		887	349		277			454		0034 0879		148										
	062			11485		882	349		277		000	, - , 4	0	0019		140										
	002	. 08	_	.1407	J.	.02	244		211	4						. 47	0 /									

REFE	ENCE						100		SOEN		ION			1	ORIGIE	VATOR"	5	DEFT	н	MAI			WAVE			EA-	CLOUG			NOOC
TRT	10.	CODE	LATIT	UDE		GITUOE	1조 및	501			GMT		TEAR	CRUIS		STATIO		10		DEPTH		OBSE	BVAT	ONS		HER	CODES			STATION NUMBER
008	NO.			1/10		1/10	, Z	10°	1.	MO	YAC	HB 1/10		NO.	↓	NUMBI	<u>a</u>	80110		2, W&F.	5 0	IR. I	KGT PI	• 5£		006	1+P A 1/4	1	-	NUNBER
31	1479	YA	4200	o N	065	535 W		151	25	04 2	2	083	1969	A57	01	8		069	5	03	0	00	0 0			<1	6 1			0018
									W. A	TER		MIND	BAR	0.	AIR TE	MP T	VIS	NO.	Т	5.05/	CIAL									
									COLOR	TRANS	OIR	SPEE	79161		ORT	WET	Cop			OBSERV	A BO	NS.								
									C008	1.00	-	101	\rightarrow	\rightarrow	DL.	BUL	-	1	-			_								
										_	00	500	21	2 0	45	02	6 8	10			_		_							
		MESSENGE TIME HE 1/10	S NO.	C.A.		OEFTH	(m)		7	5	٠/	SIG	MA-T		C VOL		E △ C DTN: A x 10 ³	٠	ELO(CITY	0;	mi/I	10.		1014		NO3-N ug - 01/1	NO3-N #8 - 01/1		
		-		+						1		-		_							_		-			-+				
		1	1	١ .	то ′	000	0	1		332	9	1		,		- 1		-		1				,					1	'
		083	3	08		000				332																				
					T D	001		0	697	333		26	17	001	856	2		1.	47	70										
		0.6	3	08		001			697	333			17					1.	47	70										
				S	T D	002	0	0	708	334	•6	26	22	001	812	2		1	47	77										
				S	T 0	003	0	0	747	336	8	26	34	001	701	6		1	47	96										
		0.63	3	08	S	003	1	0	752	337	114	26	36					1	47	99										
				S	T 0	005	0	0	911	345	9	26	0.8	001	266	9		1	48	174										
		0.8	3	08	5	005	l	0	921	346	27	26	01							178										
				5	TΟ	007	5	1	205	354	2	26	92	001	158	16		1	49	94										
		0.8	3	08	S	007	6		211	354			93							96										
					TΩ	010			219	354			94	001	150	0				003										
		0.8	3	08		010			219	354			94							004										
					ΤD	012			200	354			97		129					01										
					TD	015			181	354			700	001	108	3 7				98										
		0.8	٦	08		015			179	354			700							98										
					10	020			934	35			718	000	1934	4				14										
		0.8	3	0.8		020			922	35			719							10										
					ΤD	025		С	861	350		2.	721	000	916	90		1	48	93										
		08	3	08		025				350																				
					T 0	030			796	350			730	000	836	3				77										
		0.8	3	08	S	1030	5	С	769	350	000	5.	731					1	48	375										

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.

REFERENCE		1				(2.00)		-						1						,		
TOT ID.	CODE	LATIT		TONGITUDE	SOUARE	STATION	TIME	YEAR	CRUISE	RIGINA ST	TATION		DEPTH	DEPT		WAVE SERVATIONS	- W	EA-	CODES			NODC
+	-	-	1/10	1/10	10" 1"	MO DAY	HR,1/10		NO.	N	UMBER	_	801104	SMPL	'S DIL	HGT FER S	C	DDE	1101 A 141			UMBER
318006	IEV	3155	5N	06525 W	115 15	101 24	017	1967		023		_1	4480		09	1 3	_ ×	0	0 3			0023
					COLO	P TRANS	Time	MARC		IR TEM	WET.	VIŞ CODE	NO. 085.		ECIAL							
					COD	(m) UI	TOIC				BULB	СОБе	DEPTHS	DESER	VATIONS							
			,		DT	50 09	504	30	1 21	1	194	8	31									
	11-4-5	CAST	CAR	DEPTH (m)	1 10	5 %.	SIG	MA-T	SPECIFIC	VOLUM	Y E	۵ <u>۵</u>	50	UNO	02 ml/1	PD4=P	1014	_,	ND3-N	NO3-N	5104-51	
	HB 1/1	8		`		-			ANUMA	(4-11E	1	183	VEL	DC177	07 1101	μq = A1/1	24 - 0		MB = 81/1	yg = 01/1	¥9 + 01 /1	ρH
	1		1	2000	1010						1		1					7				
	01	7	5 T 0 B S		2019 2019	3653 36528	25 25		0021	173	00	00		244								
			ST		2019	3653	25		0021	211	00	2 1		244 246								
			OBS		2019	36528								246								
	0.0	9	ST OBS		2019 2019	3653 36528	25		0021	248	0.0	42		248								
	0.0		ST		2019	3653	25 25		0021	285	00	43		248 249								
			085	0030	2019	36528	25	9.9	0021	-172	•	9.7		249								
			S1 0BS		2019	3653	25		0021	360	01	J 6	15									
			ST		2019	36528 3653	251		0021	4.52	01	6.0	15									
			085	0075	2019	36528			JU 2 I	→ 2 ∠	ŲΙ	24	157									
			ST		2019	3653	25		0021	545	04	13	15	261								
			OBS	0100 D 0125	2019	36528 3658	258 259		0021	221	02	. 7	15									
			OBS	0125	2019	36584	25		0021	231	02	6/	152									
			OBS	0138	2019	36630	25	97					152									
			STI 085	0150 0150	1960 1 960	3663	26		0019	495	03	18	152									
			ST		1871	36631 3660	26: 26:		0017	711	04	1 1	152									
			OBS	0200	1871	36598	263		001,	. 1 1	0.4		152									
			OBS		1839	3658	264		0017	255	04	98	152									
			510	0250	1839 1809	36578 3656	264 264		0016	A 3 G	051	2 2	152									
			085	0300	1809	36559	264		0010	037	05	33	152									
			STO		1753	3646	265	2	0016	575	075	50	152									
			OBS	0400	1753 1718	36458 3638	265						152									
			OBS	0>00	1718	36379	265 265		0016	550	091	. 6	152									
			ST	0600	1510	3602	267		0014	839	10	74	151									
			0BS	0600	1510	36020	267						151									
			OBS	0700	1305 1305	3564 35640	269 269		0013	>53	141	16	151									
			STO	0800	1087	3522	269		00126	524	134	. 7	150									
			OBS	0800	1087	35220	269	9			•		150									
			OBS	0900	0858 0858	3515 35150	273 273		0009	336	149	6	150									
			510	1000	0710	3510	275		00075	522	154	1	150									
			OBS	1000	0710	35099	275	0					149									
			OBS	1100	0615 0615	3512 35120	276		0006	103	100	9	149									
			STE		0549	3508	276 277		00059	7.7	166	. 7	149									
			OBS	1200	0549	35080	217				100		149									
			STO OBS		0500	3506	277		0005	56	172	1	149	26								
			STO	1300	0500	35060 3506	277		30047	107	177	,	149									
			OBS	1400	0465	35059	277		001141	-	1 / /	1	149									
	040		OBS	1493	0433	35004	277						149									
			STD OBS	1500 1500	0440	3505 35050	278 278		00046	20	181	8	149									
			STD	1750	0407	3502	278		00046	34	193	3	149									
	040		OBS	1990	0378	34993	278	2	, 50 /6	-	1.3	_	149									
	040		STD		0377	3499	278		00046	14	204	9	149	92								
	040		OBS STD	T2492 2500	0328 0327	34966 3497	278 278		0044	7.0	227	_	150									
	040		OBS	2988	0278	34937	278		70044	10	241	0	150 151									
	0		STO	3000	0277	3494	278	8 0	0042	53	249	5	151	21								
	040		OBS	T3494 T3996	0239	34913	278						151									
	0-0		J D D	13790	0224	34898	278	4					152	72								

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

FERENCE	SHIP	LATITU	DE LO	ONGITUDE 100	MAR	SOEN	STAT	IDN TIM		EAR			ATOR'S		DEPTH 10			WAVE	240	WEA				NOO	oc .
06 NO.	COOE		1/10	1/16	10*			AY HR.1			CRUISE NO.		TATION SUMBER		101101	M S'MPL				CODE	1991 4	_1		NUM	
18006	FV	3155	N OF	630 W	115	16	01 2	4 11	5 119	967	A 6 3	024			5395		15		-	X1	0 3	-		0.0	24
10000		2177		, , , , , , , , , , , , , , , , , , ,		WAT		WIN	0	BARD		IR TEA		Tvs.	NO.		CIAL]' '		1 75				-	
						COLOR	1 RANS	DIR	OICI	Imbal		JL9	WET	COO	OBS DEFTH	I corre	A BON	5							
						ОТ	50		02	291	\rightarrow	26	172	8	24	-	_	+							
				1		01	30	06 13		2 7 1				+-	4	1			-			1	1	_	
	MESSINGS TIME	UCAST ND	C ARD TYPE	OEFTH (M)	1	€	5	./	SIGMA	-1	ANON	VOLU	;; o	∆ 0 N M	SC VEI	LOCITY	D ₂ ml	/ 10.		FOTAL-F	NO2-N	NO3~N	510.	-2 -	gΗ
	HR 1/10	-	-	+	-		-			-			-	10*	-			+	-		-	74.0		-	_
			510	0000	1	985	365	2	2598	, [0020			000	1,5	235		-					J	1	
	115		085	0000		985	365		2598		0020	,,,,		000		235									
			5.10	0010		983	365		2599		0020	299	5 00	20		236									
			085	0010	1	983	365		2599)				_		236									
			STO	0020		983	365		2599		0020	34	1 00	40	1.5	238									
	003		085	0020		983	365		2599							238									
			510	0030		983	365		2599		0020	1396	> 00	61		240									
			085 510	0030		983 983	365 365		2599 2599		0020	1470		101		240									
			085	0050		983	365		2599		5020			-01		243									
			510	0075		983	365		2599		0020	562	2 0	153		247									
			085	0075	1 9	983	365	25	2599						15	247									
			510	0100		983	365		2599		0020	663	0.2	204		251									
			085	0100		983	365		2599							251									
			STO	0125		883	365		2599 2599		0020	1/16	3 04	256	-	255									
			085 ST0	0150		983 982	365 365		2599 2602		0020	155	, 0:	308		255									
			085	0150		982	365		2602		0020	,,,				259									
			510	0200		885	366		2631		0017	923	0 -	04		241									
			085	0200	18	385	366	15	2631						15	241									
			STD	0250		3 2 3	365		2645		0016	816	04	91		232									
			085	0250		323	365		2645							232									
			\$10 085	0300		302 302	365 365		2649 2649		001	52]	0:	74		234									
			STO	0400		760	364		2653		0016	503	, 0.	739		237									
			085	0400		760	364		2653		0010	, , , ,		,,,		237									
			510	0500		710	364		2659		0016	267	7 09	03		238									
			085	0500	1.7	710	364	06	2659						15	238									
			5 T D	0600		85	361		2667		0015	726	10	63	15	213									
			085	0600		8.5	361		2667							213									
			STD	0700		377	357	-	2684		0014	140	14	12		159									
			085 STD	0700		377 143	357 354		2684 2707		0011	909	, ,	342		159									
			085	0800		143	354		2707		301	700		-42		092									
			510	0900		718	352		2729		0000	748	3 14	•51		025									
			085	0900		918	352	32	2729)						025									
			510	1000		747	351		2746		000	798	1 :	39		975									
			085	1000		747	351		2746							975									
			STD	1100		8 6 6	350		2764		0000	150) 16	10		933									
			085 ST0	1100		198 142	350 351		2764 2772		0005		. 14	668		933									
			085	1200		542	350		2772		000.	, , , , ;	, 10	000		927									
			STO	1300		515	351		2776		0005	C70)].	720		933									
			085	1300		515	351		2776							933									
			STD	1400	04	88	350		2779		0004	844	1	769		938									
			085	1400		88	350		2779							938									
			STO	1500		-70	351		2781		0004	654	18	17		948									
			085	1500	0.4	470	351	Ul	2781						14	948									

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	, 		-			SDEN	57.4.7	ION TI			_	ORIGI	VAIC	2'8		DEFTH	MAX.		WAV		WEA	CLOU	1			ODC	
CTET ID	CODE	LATITU	DE	LONGITUDE BY	sou	JARE	31.07	GMTI	m:	YEAR		LUISE	STAT	ION	\neg	10	OEPTH		SERVA	TIONS	THER	CODE	٥ [ST.	ATION	
CODE NO.	CODE	·	1/10	1/10 5	10*	1.	MO 0	AY H	R.1/10		\perp	но	NUA	LBER	-	BOTTOM	S'MPL"	S DIR	HGT	112 11	CODE	ITPI A	A T		- 1	Week	
318006	EV	3155	N	06746 W	1115	17	01 2	4 1	77	1967	1	63 0	5		. 1	50.30		0.6	3	2	X 2	1013			(025	
210000			.,			WA	•		INO	BAI	١٥٠	A1R T	_	ής	vis	NO.	SPE	CIAL									
						COLOR	TRANS	DIR.	01 01	Mr.C.		DRT	81	I B J L	000	OBS DEPTHS	OBSERV	ATIONS									
						-		-	-		_	261	+-	72	7	24	_		1								
		•	_			DT	SD	09	505) د	T	-	-	_	_	Ť	L-,		4			_	_				П
	MESSENGE TIME 0	CA51 NO.	CART	DEPTH (m)		70	\$	٠4.	\$1G	M A -1	39	HOMALT-	U 44 P	ÖY	4 B		DOCITY	0 2 ml/		4-8	1014 L=0	NO2-N			\$1 O = \$1 1\ 10 + \$24	рн	Č
	HR 1/10	1	1172						1_		1			X	103	****			,,,	. 4171	99 - 4177	pg - 00	N	1	99 . 4.7.		Ц
																				l		į			1		į I
			5 T	0000	2	038	365	5	25	86	(00214	1	0.0	00	15	250										
	177		085		2	038	365	551		86							250										
			5 T			035	36			86	(00214	72	00	21		251										
			085			035	365			86							251										
			5.7			017	36			90	(00212	2.1	UU	42		247										
	003		085			017	36			90	,	002114	. a	0.0	164		247 247										
			ST			012	365 365			91		10211	• 7	00	04		247										
			085 51			009	365			91	(00211	7.6	01	06		250										
			085			009	369			91	,		-				250										
			5. T			004	36			92	(00211	5 2	D I	59	15	252										
			085			004	365	16	25	92						15	252										
			ST	D 0100	2	001	365	5.2		93	(00211	7.2	0.2	12		256										
			085	0100	2	001	365			93							256										
			ST			002	36			95	(00211	19	0 4	65		260										
			085			002	36			95				~ ~			260										
			ST			954	366			13	(0194	/5	03	15		252 252										
			085			954	365	12		13		00174	19	0.4	0.6		232										
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Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

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Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

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Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

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Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP	LATITU	DE	LONGI	tv0t	MDC TE	MAR	SDEN ARE	STAT	ION TI	ME	YEAR	CRUI	ORIGIN ISE	TA TION		08#1 TO	, o	KAX EPTH OF	OBS	WAVE ERVATIO	ns.	WEA- THER	CLOU	5		- 5	NOOC TATION	7
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Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	SHIP	LATITU	05	LONGITUD	100	M ARS		STATE	ON TI	ME	TEAR		ORIGIN				DEPTH	MAX	.1	W	A VE	WEA		CLOUD			NOD	С
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	000		ST				79	365		26		00	011	5 (006	0	152											
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			STI	0.0	r ()	19	74	365	5	201	0.3	003	2002	5 (010	0	152	41										
			OBS	0.0		19		365		26							152	41										
			510				70	365		261		00	9855	5 (015	0	152											
			085	0.0			70	365		260			010			_	152											
			STO			19		366		26	-	00	9184	+ ()19	9	152											
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			STI				80	366		26		nn:	774	3 (29	1	152											
			085	01			80	365		26		00.		,	, .		152											
			ST			18		365		26		00	736	2 (37	9	152											
			085	0.2	0.0	18	48	365	60	26	37						152	30										
			STI	0.2	50	1.8	25	365	1	26	38	00	7394	. (346	6	152	31										
			085	0.2		18		365		26							152											
			STI			17		364		26		00	7126	5 (055	2	152											
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			085	04		17		364		269		00.	668	y (72	1	152											
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			STO			15		360		261		00	5744	. 1	104	9	152											
			085	0.5	00	15	48	360	10	266							152											
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			OBS	08			8.9	354		269							151											
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			085	13		0.5		350		27					_		149											
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Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

CTET ID.	SNIP	LATITU	Dŧ	LON	GITUDI 20	1	SOEN		TATION IGM	1 1	1	reas.	CRUISI	ORIGIN	TATION		OEP TO	0	MAI. GEPTH GF		WAVE EVATIONS	WE	ER	CLOUD			NODC TATION]
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			089		0010		990		656		600		002	026	9 0	040		52										
	002		085	5	0020	ı	990	3	656	1 2	600	0					1	152										
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			089	5	0050		979		656		60							152										
			51		0075		963 963		658 658		601		001	966	4 0	150		152 152										
			OB:		0100		963		658		260		001	975	5 C	200		152										
			OB S	5	0100		963		6580		60					2		152										
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			51		0400		790		654		64		001	686	5 0	737		152										
			089		0400		790		6539		64					905		152										
			S1 089		0500 0500		745 745		646		65		001	671	,	905		152 152										
			SI		0600		687		628		65		001	696	7 1	073		152										
			083		0600		687		628		65					2		152										
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Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE								_								_												
CTEV IQ.	COOF	LATITL	- 1	LONGITUO	15:	3 50u	SCEN	STA	TION IGMT	TIME	YEAR	-	ORIGIA RUISE	STAT	_	\dashv	DEPTH	DEPT		WAVE SSERVATION	15	WEA-	CLOUE			NO	oc	
1	-		1/10		1/10	10*	1.	мо	DAY	HR.1/10		1		NUM		_	MOTTON	5'MPL		_		COOL	ITPE AN			NU	MEER	
318006	EV I	3335	N	07237	w	1116	32				1967	7 /	A63 03				4938		18	1 1		x 2	0 3			01	32	
							COLOR	7	+-	WIND		RO-	A IR TE	_	_	vis	NO. 085.	500	CIAL	7								
							COOL	(m)	DIA	0 t	į (mi		OULE	80	ET I	CODE	GEPTH'S	OSSER	VA TION	2								
			_				DT	SD	21	508	25	54	200	15	94	7	24			1								
	MESSENGR TIME (CAST	CAR		TH (m)	1 ,	٠	,	٠,,	NO.	MA-1	1	MCIFIC VOLU	IME.	S /	9 6	SOU	NO.		PO4-P	Τ.	OTA L-P	NO. II			. [
	HR 1/10	1	117	<u> </u>		_		<u> </u>		1.0	,,,,,	Ţ,	AHOMALT-A	0'		103	V£10	CITY	0; ~	ya = 81/		rg - e1/1	NO3-N FB - 81/1	NO3-8			рн	C
		į.	١	. !		1		1		1		1		I							1				_	_	_	Н
	083		51 0B5		000		971 971	365		26		C	001973	3	00	00	152					,			,			1 1
	00)		ST		10		771	365		260		,		,	00		152											
			085		10		770	365		260		C	001974	3	00	19	152											
			51		20		70	365		260			01977	0	00	20	152											
	002		OBS		20		70	365		260		-	101777	7	00.	34	152											
			ST		30		70	365		260		0	01982	5	009	5.9	152 152											
			OBS		30		70	365		260				-	50	, ,	152											
			ST	00	50		65	365		260		0	01976	3	009	8.	152											
			085	0.0	50	19	65	365	60	260						, 0	152											
			STI			19	62	365	6	260	7	0	019782	2	014	8	152											
			OBS	00			62	365	60	260	7						152											
			STI			19	61	365		260	7	0	019846	5	019	7	152											
			OBS	01			61	365		260	7						152	45										
			STI				59	365		260		0	019882	2	024	7	152	49										
			OBS	01			59	365		260							152	49										
			510				57	365		260		0	019856	5	029	7	152	53										
			0BS	01			57	365		260							152											
			OBS	02			90	366		262		0	018159	7	039	2	152											
			STO				90 49	366		262		_					152											
			085	02				365		263		0	017529	9	048	31	152											
			510			18 18		365 365		263						_	152											
			085	03		18		365		264		0	017144	•	056	8	1524											
			STO			18		365		264			017147		077	_	1524											
			085	04	_	18		365		264		0	017142		073	9	1524											
			STO			17		364		264			0.7.7.				1524											
			OBS	05		17		364		264		0	017174		091	1	1525											
			STO			16		362		265		^	017033		108		1525											
			085	061		16		362		265		0	011033		100	2	1524											
			STO			15		360		266		0	015944		124	7	1521											
			OBS	07		15		360		266		-	- 4 - 7 - 4 -		4	1	1521											
			SID	080	0.0	13	50	357		268		01	014235		139	7	1516											
			OBS	080	0 (1.3	50	357	10	268		-			,		1516											
			STD			11	13	3536		270		0.0	012305		153	o	1509											
			085	0.9 (11		3536		270	5					-	1509											
			510			0,8		351.	2	272	4	06	010348		164	3	1503											
			085	100		0.8		351.		272	4						1503	31										
			STO			06		350		275	0	00	007645		173	3	1496	0										
			085	110		06		350.		275							1496	0										
			STO			05		350		276		0.0	006002		180	2	1492	6										
			OBS	120		05		350		276							1492											
			SID			04		3502		277		00	005387	1	185	9	1492	13										
			085	130		041		3501		277							1492											
			STD OBS			041		3501		277		0.0	005160	1	191	1	1492											
			510	140 150		046		3501		277						_	1492											
			085	150		044		3502		277		00	004935	1	196.	2	1493											
			000	150	, ,	044	+ /	3502	. 0	277	1						1493	7										

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

EBENCE					-=	MARSDEN	STATION T	ME		010	INAT	Q#"S	Т	DE*TH	DEPTH		WAVE	WIA-	CLDUD			NODE
ID.	CODE	(A fift		LONGITUDE	NOC 4	SQUARE	(GMT)		TE AR	CRUISE	STA	TION	٦,	TD IQTTDM	O.F	0.	SERVATIONS	THER	CDD83		5	TATION
NO.		·	1/10	1/1	-	10" 1"	MD DAY H			NO.	_	WREK	+		S'MPL		HGT P(R 564	-	TYPI AM	+	-+-	
8000	ol Ev	3348	3 N (07308 🗷	4				967		33 TEMP		- 4	663	_	17	1 5	X1	0 3	ł		0033
						COLOR		SPEED	BAR	0.	_	_	VIS	NO. DBS.	SPE	CIAL VATIONS						
						CODE	TRANS. DIR.	10101	(mb			TULB	.001	DEFINS	0.826.87	VAIIUNS						
						DT	50 18	510	24	7 200	1	200	7	25								
	MISSEN		CARD					<u> </u>		SPICIPLE VO	HUME	\$ / D16	7 D	squ	IND		PO4-P	TOTALER	NQ2=N	NO3-N	5) 0 4 - 5	
		CAST	TIPE	DEPTH	(m)	1.5	5 %.	SIGM	A-T	ANOMALT	2107	I DIN	103	VELO		() m1/	±€ = 81/1	¥\$ = 01/3	40 · 01/1	68 × 6171	ug = 017	
	H# 1/1	+	_			1	1	_				 		1								
	1	1	ST	000	0	2332	3644	249	5	00301	34	00	00	153	324						•	
	11	7	085	000		2332	36440	249						153	324							
		′	ST			2332	3644	249		00301	74	00	30	153	326							
			OBS	001	0	2332	36440	249	15					153								
			ST	0 002	0	2332	3644	249		00301	96	00	60	153								
	0.0	13	085	202		2332	36442	249						153								
			ST			2308	3647	250		00293	55	00	90	153								
			085	003		2308	36472	250		00000		٥,		153								
			ST			2150	3676	257		00230	80	01	42	152	290							
			085	005		2150 2165	3676 36780	257 256						152								
			085 51	00 <i>6</i>		2030	3656	256		00214	99	01	98	15								
			085	001		2030	36560	256		002		•			260							
			ST			1975	3658	260		00200	56	0.2	50	152								
			085	010		1975	36580	260						152	249							
			ST			1971	3659	260		00199	75	03	00	152	253							
			085	012		1971	36590	260	7					157	253							
			ST	D 015	0	1968	3659	260		00199	84	03	50	157								
			085	015	0	1968	36590	260							256							
			ST			1945	3663	261		00192	94	04	48	15								
			085			1945	36632	261							258							
			ST			1860	3660	263		00176	05	05	40	157								
			085	025		1860	36600	263		00173		06	28	152	242							
			ST			1838 1838	3658 36585	264 264		0011:	• 1	O.O.	20		244							
			OBS ST	030 D 040		1805	3656	264		00170	8.2	0.6	00	15								
			085			1805	36560	264		901.		•			251							
			5 T			1770	3649	265		00170	74	09	71		256							
			085			1770	36491	265							256							
			ST			1710	3636	265		00169	25	11	41		253							
			085			1710	36360	265							253							
			ST			1580	3608	266		00162	24	13	06		227							
			085			1580	36085	266			0.5				227							
			ST			1391	3578	268		00145	85	14	60		180							
			085			1391	35780	268		00125	70	15	96		180							
			51 085			1149	3542 35420	270		0012	, , ,	13	70		110							
			ST			0955	3524	272		00105	32	1.7	12		055							
			085			0955	35240	272		0010		- '			055							
			ST			0750	3512	274		0008	62	18	05	14	993							
			085			0750	35119	27						14	993							
			ST			0605	3506	276	51	0006	32	18	79		952							
			085			0605	35060	276							952							
			ST			0537	3505	276		0005	744	19	40		941							
			085			0537	35050	276						14	941							
			ST			0491	3504	27		0005	250	19	95	14	939							
			085			0491	35045 3502	27		00050				14	939							
			ST			0455		27					46		941							

Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	-					MARS	OFN	STA	TION 1	IME		Τ.	DRIGIN	ATOR	r's	Τ,	DEFTH	MAX	K.		WAVE	WEA	C	LOUD			NDDC	
CTOY ID.	CODE	LATITU	- 1	LONGITUDE	100	\$0 U	ARE		(G M T)		TEAB	CBU	ISE S	ITATI	ON		07 M0770	OF			ERVATIONS	THE		0085			STATION NUMBER	
CODE NO.	-		1/10	177	0 -	10"	1.	-		18,1/10		+			# C M	+		S'AMPL	-3		H G (PEB 35 A	-	1118	H AVI	-	-		
318006	EV I	3408	N	07344	4	116	43	01		149	1967	A6	3 03 AR TE		-	4	300			17	2 2	X 2	1 0	3			0034	
							COLOR	TRAN	+	SPEE	BAR MET		OFY	w	_ v		NO DBS.	SP OBSER	ECIA	CNS								
							CODE	Um I	DIR	7010			BULB	80	LI	2	DEPTHS	0071.										
							DT	SO	17	516	24	0	217	21	11 7		24											
	MESSINGA TIME	CAST	CAR			Ι.		1		Τ		SPEC	IFIC YOLU	w.f	¥ ∆ Dtn.	D.	sou	ND	T.		POa-P	10141-1	NO) j=N	N01=N	5104-5		3
	TIME :	NO.	TYP	DEFTH	i (m)	,	٣	'	٠	SIG	MA-1	AN	OMALT-8	۰'	X 10	,5	VELO	CITY	02	ml/i	ye = e1/1	48 - el/		- 01/1	ыр - el/I	vg - 61	на	č,
		 				-		\top				1							-								1	П
'		,	s T	0 000	00	2.	280	36	45	25	11	00	2863	7	000	0	153	11										
	149		085				280		449		11						153											
			ST				279		44		11	00	2871	2	002	8	153											
			085				279		440		11				-0-		153											
			ST				260		48		19	DU	2794	4	005	1	153											
	002		085 ST				260 193		480 47		19	0.0	2626	7	008	4	152											
			085				193		466		37	00	2020	•	••0	7	152											
			\$1				123		50		59	0.0	2421	0	013	4	152											
			085				123		505		59						152											
			ST				060	36	56	25	81	00	2225	3	019	2	152	68										
			085	00	75	21	060	36	562	25	81						152											
			ST				975		56		04	0.0	2018	2	024	5	152											
			085				975		562		04					_	152											
			ST				963		56		0.7	00	1997	4	029	5	152											
			085				963		562		07		1077	,	034		152											
			ST				960 960		60 5 9 9		10	00	1972	1	0 3 4	2	152											
			085 ST				942		59		15	0.0	1950	9	044	3	152											
			085				942		591		15	00	1,,,,	_		_	152											
			ST				868		60		34	0.0	1781	5	053	6	152											
			085				868		598		34						152	45										
			ST	0 030	00		832	36	59	26	43	00	1716	5	062	4	152	42										
			085	0.30	0.0	1	832		591		43				_		152											
			ST				811		57		46	0.0	1716	6	079	6	152											
			085				811		568		46			_	001	-	152											
			ST				772		49		50	00	1711	2	096	- /	152											
			085				7 <i>72</i> 730		492		53	0.0	1711	2	113	А	152											
			ST 085				730		400		53	00	. 1 . 1 1	,	1.		152											
			ST				620		15		61	0.0	1663	4	130	7	152											
			085				620		154		61				-		152											
			ST				406	35	80	26	81	0.0	1475	7	146	4	151	185										
			085			1	406	35	800	26	81						151											
			ST				142		43		05	0.0	1238	9	160	0	151											
			085				142		427		0.5				17.		151											
			ST				916		17		25	0.0	1034	g	171	. 3	150											
			085				916		172		25 49	0.0	0780	a	180		150											
			ST 085				724 724		112		49	UL	,0 100	7	100	-	149											
			ST				614		08		62	0.0	0651	2	187	6	149											
			085				614		080		62			-		-	149											
			ST				527		03"		69	0.0	0574	1	193	7	149											
			085				527	35	032	27	169						149											
			ST	0 14	00		478		01		773	0.0	0528	7	199	2	149											
			089				478		015		73						149											
			ST				454		01		776	0.0	0506	4	204	4	149											
			089	150	00	0	454	3 5	015	2	776						14	940										

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE					-	MAR	SDEN	STA	TION T	1MF			DNG	INA	DR'S		DEPTH	MAL	-	WAVE	WEA	- CLOUE	,			
Cter ID.	CDDE	LATITU	DE	LONGITUDE		501	ARE		IGM11		YEAR	c	BUISE	\$1.4	TION	\neg	TO MOTTOM	DEPTH	1 .	SERVA TIONS	THE	CODE			\$TA	TION
CODE ND.	-	<u> </u>	1/10	1/1/	10	10*	1.	MD	DAY	IR,1/10	-	+	NO.	NU	MAER	-	aD11DM	S'MPL'S	Dut	HGT PER SE	- 000	TIPE AN			~0.	MBER
318006	EV	3425	N I	07409	w	1116	44	01		190	196			18M	_		2100		31	1 2	×1	0 3			0	035
							CDLD	TRAN		3911		ETER	DRT		WET	VIL.	NO.	SPEC	LAL							
							CODE	(m)	DIR	POR		bel	NULL		EUL E		DEPTHS	DEALT	- 110/43							
							DΤ	50	29	506	2	20	217		206	7	24									
	MESSENGE		CAP	D 241	H (MI	Τ,	7	Τ.	٠/	T.,	MA-T	51	MORIC VO	LUM	. ž	Δ. A.		מאנ	010	PO ₄ -P	TOTAL-	NO2-N	ND3-N	SID.	4-5,	
	71ME HR 1/10		TYP	E DEF	n m			'		310	· ~ ~ - 1	1	AHOMALT	-1107	"	105	VELO	CITY	D2 m1/1	yg = #1/1	¥ g · 01/		yg - 61/	1 ×9 -		рН
		1						1														1				
	1		51	00 0	00	2	251	36			17	. (00280	20	00	00		304								
	190)	089			2	251		424		17							304								
			51		10		246		43		19	(00278	186	00	28		304								
			0 B S				246		429		19							304								
			51		20		242		43		21	(00277	98	00	55		305								
	003	3	089		20		242		432		21				0.0			305								
			S1		30		239		44		22	{	00277	13	U	83		306 306								
			089		50		239 232		437 43		22		00276	2 F	0.1	38		307								
			51		50		232		435		24	,	00276	20	0.	20		307								
			0B5		75		225		45		26	,	00274	50	0.2	07		310								
			089		75		225		446		26	,	00214	,,,				310								
			51		00		212		50		34	(00268	129	0.2	75		311								
			085		00		212		497		34	,	00100					311								
			51		25		170		51		47	(00256	70	03	41		305								
			OBS		25		170		515		47					-		305								
			51				157	36	50	2 5	50	(00255	19	04	05	15	305								
			083	01	50	2	157	36	501	2 5	550						15	305								
			51	0 02	00	2	098	36	66	2 5	78	(00229	74	05	26	15	300								
			089	0.2	00	2	098	36	664	25	78							300								
			51	10 02	50	1	953	36	62	26	14	(00197	84	06	33		268								
			089			1	953		617		14							268								
			51		00		869	36			33	(00181	27	0.5	28		253								
			089		00		869		582		33							253								
			51		00		808		55		546	(00172	28	0.5	04		251								
			085		00		808		549		46		00171		1.0	. 7.		251								
			51				759		44		50	(00171	56	10	76		252 252								
			085		00		759		443		50	,	00164	20	, :	44		237								
			S1		00		658 558		26 259		60	,	00104	37	1.4			237								
					00		486		93		574	,	00152	40	1.4	03		196								
			08:		00		486		929		574	,	00102			0 5		196								
			51		00		255		53		592		00135	6.7	1.5	47		132								
			OB:		00		255		535		92		00100		•			132								
			51		00		939		22		724	1	00102	22	1.6	66		032								
			0 B S		00		939		216		124				-			032								
			51		00		753		10		144	(00081	8 2	1.7	58		977								
			089		00	0	753	35	100	2 7	144						14	977								
			51		00		624		05		758	(00067	63	18	33		943								
			089		00		624		048		758							943								
			51				560	35			169	(00057	22	18	195		934								
			OB:		00		560		082		169							934								
			51		00		487		06		776	(00049	96	19	49		921								
			089		00		487		058		776		00010		1.0			921								
			51				468	35			777	(00049	20	13	98		930								
			085				468		047		777		00047	0.1	20			930								
			51				436	35	019		778	(00047	41	26	47		933 933								
			OB:	15	00	U	436	32	019	2	778						14	433								

TABLE VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

	REFERENCE					-								-		MAI	,			-			_
			LATITU	DE L	ONGITUDE E	8 8	QUARE	STATIC	MTI MTI	46	AE			\dashv	DEPTH	DEPT		WAVE EBVATIONS	IN	ES CODE	3	STAT	HOI
	CODE NO.	COUL	•	1/10	1/10	7 1	. 1.	MO DA	Y NB	/10		NO.	UMBER	_	MOTTOM	S'MPI	'S OUL	HGT PIE S	CD.	DE TIPE A	4	NUA	ABER
	318006	EV	3451	N O	7427 w	111			22	0 19	67				3292		14	1 3	X	1 0 3		00	36
							-	-						- VIK	ND.	SP	ECIAL						
							COLOR	TRANS.	DIR. I	OI	METE	B DEY	WET	CODE	DEFINS	OBSER	VATIONS						
							-	sn i			_	\rightarrow	200	-	$\overline{}$								
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Table VII. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 24–27 January 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8006.—Continued

REFERENCE SMIP CODE LATER		DE SQUARE	STATION TIME IGMT!	TEAR	ORIGINATO	ION	10 OT	AX PTH OF OF IPL'S OIR	WAVE SERVATIONS HGEPRE SEA	WEA- THER COOL	CLOUD CODES		\$T.	ATION UNBER
318006 EV 3509	ON 075020			ID METE	A DET W			19 SPECIAL ERVATIONS]	x1	0 3			0037
MESSENGE CAST TIME OF NO HR 1/10	CARD DEP	2 1 (m) HTG		IGMA-T	SHECHIC VOLUME	₹ ∆ D 0 N M 1 103	SOUND	0 3 ml			NO3=N rg - al/l	NO3=N µg - e1/I	\$1 O4=\$1 pg + a1/1	pN
051	085 00 00 085 00 00 00 00 00 00 00 00 00 00 00 00 00	0000 2190 0000 2190 0100 2153 0100 2153 0200 21100 0200 21100 0200 20100 0300 2086 0300 2086 0300 2030 0300 2030 0300 2030 0350 2030 0350 2030 0350 2030 0350 1773 1600 1773 160 1773 160 1305 165 1305 165 1305 160 1149 200 1149 200 1149 250 0912 250 0912 250 0912	36343 2 3632 2 3635 2 3635 2 3636 2 3636 2 36370 2 36370 2 36370 2 35800 2 35800 2 35591 2 35542 2 35189 2 35189 2 35189 2	528 537 551 551 559 574 606 622 670 686 670 686 7703 726 723	0026967 0026180 0024875 0024214 0022782 0019847 0018408 0013915 0012433 0010882 0008737	0000 0026 0052 0076 0123 0176 0224 0265 0298 0356 0405	1528*1527*1527*1527*1527*1526*1525*1525*1525*1526*1526*1526*1526	7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		1				

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.

REFERENCE	Τ.	. 1		_	1.	MARSDEN	51	ATION	TIME		DRIG	INATOR	•\$	DEPT	, MA		WAV		WEA	- CLDUI	,1		
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				510	0020	2517		515		1.8	00376	1 1	0075		5368								
	(05		35 51D	0020	2511 2505		5146 515		18	00372	34	0112		5368 5367								
			01		0030	2505 2400		155	24	22				1	5367								
				510	0050	2394		240		60	00334	7.7	0183		5346 5345								
			06		0050	2394		245	24	62				1	5345								
			06	5 T D	0060	2366 2360		242		70	00325	21	0265		5340 5341								
			01		0075	2360		259		73				_	5341								
			06	510	0090	2326		210		79	00307	0.7	0344		5335 5327								
			0.6	3.5	0100	2286	3 (238	24	93				1	5327								
			06	3.5 5.T.D	0115 0125	2167 1947		180 08		74	00230	63	0412		5298 5240								
			0.6	38	0125	1947	3 (080	25	74	- 3 - 3 0			1	5240								
			06		0136	1845 1833		038		97					5213 5210								
				510	0150	1737	3 9	98	26	19	00188	3 2	0464	1	5183								
			06		0150 0176	1737		978 5709		19					5183 5077								
				016	0200	1213	3 !	553		99	00112	57	0539	1	5019								
			06		0200 0210	1213		530 5396		99					5019 4987								
				016	0250	0983		22	27	17	00095	92	0591		4941								
			06	55 5 1 0	0250	0983 0869		220 509		26	00087	85	0637		4941 490b								
			06	3.5	0300	0869	3 :	094	27	26				1	4906								
			06	35 510	0350	0835 0755		063 01		37	00078	85	0721		4901 4878								
			06	35	0400	0755		008		37				1	4878								
			01		0421	0726 0658		5022 5003		50					4870 4846								
			01		0445	0612	34	998		56				1	4829								
			01	2.5	0467	0612	. ,	5002	21	56				1	4832								
REFERENCE CITY ID:	SHIP	LATI	TUDE	LONG	STUDE SOUTH	MAPSDEN	STAT	ON TIA	A E	YEAR C	OFIGIN			DEPTH	MAT	OKS	W A VE		WEA- THE	CLOUD		NO	DC
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			08S		0010 0020	2438 2324	363 364		245		003003.	2 00	066		350 325								
	00	2	QBS ST		0020	2324	364 364		249		002997.		096	15									
			085		0030	2323	364		249		10/441				327								
			ST OBS		0050	2318 2318	364 364		250 250		002988	9 0	156	15	329 329								
			ST		0075	2313	364	6	250		02977	9 0	230	15									
			08S		0075 0096	2313 2260	364		250 252						332 323								
			ST	D	0100	2200	365	3	253	7 (02651	2 0.	301	15									
			0BS		0100	2208 1987	365 365		253 260		020529	· ^	359	15	310								
			OBS		0125	1987	365	60	260	1				15	257								
			ST 085		0150	1903 1903	365 365		262 262		01851	04	40B	15									
			ST	D	0200	1870	365	7	263	1 0	01788	2 04	499	157	237								
			08S		0200	1870 1841	365 365		263 263		017598	. 0	8.8	152									
			OBS		0250	1841	365	36	263	6				152	236								
			5 t 0 B S		0300	1817 1817	365 365		264 264		01729	3 00	75	152									
			ST	0	0400	1766	364	6	264	9 (016834	0.8	346	152	238								
			085 51		0400	1766 1687	364		264		016339	1.0	12	152									
			085		0500	1687	363		265	8	5555			152									
			ST	D	0600	1456	359 359	2	267		01440	1	165	151									
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			51 085	0	0600	1456 1456	359	2 18 0 05	267	9 9 0 9				151	170 198 198								

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

					,							zkiGIN/	A TO R'S		DEPT		MAX		WAVE	WEA	CLOUD	_		NO.	DC
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Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

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Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

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Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE	Г				-	MAR	SOEN	574	TION T	1845		_	ORIGIN	ATOR'S		DEPTH		4.4.3		101.0		1		C10110				
C187 10.	COOE	LATITU			GITUDE E	SQU	ARE		IGM 11		YE A R		UISE S	TATION		10		EPTH OF			JOH2	THE	9	COOFF	1		STA	ION
CODE NO.			1/10		1/10 2	10"	1*	MO	DAY	14,1/10		ψ,	NO. N	UMBER		10110	5"4	APL'S	Dik	HGF	P18 31.4	COC	35	ITT AM	7		NUN	4 R E S
318028	IRC	3330	ON	072	2366W	116	32	111		221	1967	A	64 00	5		5370			32	4	2	x 1	1 1	0 3	i		0.0	006
							WAT	_	+-	SPEED	BAR		AIR TEA		VIS.	NO.	Ì	SPEC	TAL									
							COLOS	TRANS	OIR.	01	100	47	DAY	WET	CODE	OEPTH!	0 85	SERV	A TION S									
							DT	SD	32	508	12	6	184	146	7	29												
	MESSENGE	C417	CAR	T		1			•	Ή_		T			Δ 0 0		UND			١.						T		
	TIME HB 1/10	NO.	TTP	ŧ	OEFTH (m)	1	τ	5	-/	SIG	M A -1	371	NOMALT-EN	o i	1 N M	VE	OCIT	γ .	0 2 ml/l		D ₄ =₹ 81/1	101AL-		NO2=N	NO ₁ -N ys - 81/1	\$1 O		pН
	77.0					+-										-		+		+-			+		· ·	-		-
	1	' '	ST	rn '	0000	2	316	364	66	25	0.1	١ ^	02955	3 ' 0	000	15	320	n					1	,		1	1	
	221		085		0000		316		459	25							320											
			51		0010		316	364		25		0	029584	0	029		322											
			OBS		0010		316		460	25							322											
	002		ST 0BS		0020		317 317	36	46 460	25 25		0	02965	1 0	059		324											
	002		ST		0030		316	36		25		0	029649	5 0	880		329											
			OBS		0030		316	364		25							325											
			ST		0050		294	364		25		0	028980	0	147		323											
			085		0050		294	364		251			077454		2 1 1		323											
			OBS		0075		258 258	369		25. 25.		0	027652	. 0	2 1 R		319											
			ST		0100		061	366		25		0	021994	0.	280		273											
			OBS		0100		061	366		25							273											
			ST		0125		959	366		26		0	019575	0	332		249											
			085		0125		959	365		26 26		0	018538		379		249											
			085		0150		909	365		26.		U	010300		,,,		240											
			ST		0200		374	365		26		01	017983	0	+71		238											
			QBS		0200		374	365		26							238											
			ST		0250		348	365		26		01	017672	0	60		238											
			065 ST		0250		348 317	365		26		n	017293	. 01	047		238											
			085		0300		317	365		26			01.6.				237											
			5.1		0400		778	364		264		01	017030	0.	19	15	246	L										
			OBS		0400		778	364		264							242											
			ST OBS		0500		708 708	363		26!		00	016732	. 0.	98		236											
			ST		0600		94	361		266		0.0	015922	1	151		216											
			085		0600	15	94	361	28	266							216											
			085		0604		88	361		264							214											
			ST OBS		0700 070 0		01	358		268	-	00	014392	1.	302		167											
			ST		0600		209	355		261		0.0	012778	. 14	3.8		167											
			OBS		0800		209	355		26					20		116											
			085		0873		82	353		270							081											
			51		0900		998	352		27		0 (011083	15	58		054											
			0BS		0900 1000		798 773	352		27		0.0	008659		556		054 985											
			085		1000		773	350		274		~	00000		, , ,		985											
			OBS		1015		79	350		274							990											
			51		1100		53	350		275		0.0	007382	1	737		954											
			OBS		1100		53	350		279		~ .	00/17/				954											
			ST OBS		1200		58	350		276		U (006176	10	04		932 932											
			085		1247			350		276							929											
			OBS		1248	0 5	26	350	10	276	7					14	927	7										
			ST		1300			349		276		00	005637	18	643		924											
			OBS		1300 1400		98	349		276		0.0	005331	1.0	18		924 928											
			085	9	1400			349		271		U	00001	1	10		928 928											
			ST		1500	04	59	350	1	277		00	005179	19	71		942											
			OBS		1500	0.4	50	350	0.9	277	15					14	942	?										

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REFERENCE											-	DRIGIN	4 100 815				MAX.		WAVE	_		CLDUD				
CTET ID.	COOL	LATITU	DE	LONGITUDE	501	SOEN	51 A	ION TI	MI	YEAR	CRU	ISE S	TATION		DEPT	2	DEPTH OF		ERVATION		THER	CODES	}		STATE	ON
CODE NO.		•	1/10	1/10	10'	1.	wo	DAY	R,1/10		N	O. N	HIMBER	-	10110	S. 2.	'MPL'S	Ost,	HGT PET	STA	COOE	ITPL AM		-	NUM	-
318028	RC	3311	5 N	072040w	116	32 11 WAT	IJ.		10	1967	A6			,_1	512			30	3 2	- 1	X1	0 3			00	071
						COLOR	TRANS	_	DHIL	MAR		A IR TEA	WET	VIS	NO DBS). 5. Di	SPEC	TAL ATIONS								
						COOE	(M)	DIR.	501C1			TULF	*UL®	-	DEPT	'HS		110.103								
						DT	5D	30	50B	12	5	206	197	7	27	1				_						
	MISTING	A CAST	CAR		, .	10	١,	٠/	SIGA	VA-T	1910	INC YOLU	Mt 8	A O		SOUNG	0	02 ml/l	104-1		27A L-+	NO3-N	NO3-N	SIO		am E
	HF 1/1	9 NO.	119						1		**	OMALT-81		x +03		/ELOCI	177		#E - 61/1	1.	9 - 61/1	⊌g - al/1	µg = 01/1	nā -	e1/I	c
		1 1		ļ	1												1								1	- 11
		_	ST			360	36		24		0.0	29791	в 0	000		1533										
	01	0	085 ST			360 361	36	595 60	249		0.0	2985	7 0	029		1533 1533										
			085			361		596	24		•					533										
			ST			361	36		24		0.0	2989	7 0	U59		1533										
	00	2	085 ST			361 362	36	596 50	24		0.0	2996	5 0	089		1533 1533										
			085			362		596	24		00	,,,,,,	, ,	• 0 ,		533										
			ST	D 0050		362	36		24		0.0	3003	5 0	149		534										
			085	0050 0059		362 362		598 598	24							1534 1534										
			085 085			226		564	25							531										
			5.1	0 0075	2	177	36	75	25	63	0.0	12396	7 0	217	1	1530	1									
			085			177		750	25							1530										
			\$T 085			051 051	36	689 689	25		ÜÜ	2119	<i>r</i> u	273		1527 1527										
			ST		_	929	36		26		00	1900	0 0	323		1524										
			085	0125		929		580	26					_		1524										
			5 T 0 B S			874 874	36	57 5 6 8	26		00	01782	3 0	369		l 522 l 522										
			ST			838	36		26		0.0	1726	9 0	457		1522										
			085	0200	1	838	36	54B	26	38					1	1522	2.7									
			51			822	36		26		00	1713	1 0	543		1523										
			085 ST			822 816	36	538 53	26		0.0	1721	2 0	629		1523 1523										
			OBS			816		531	26							1523										
			ST			779	36		26		00	01686	9 0	799		1524										
			0BS			779 745	36 36	503	26		0.0	01684	a n	968		1524 1524										
			085			745		440	26		00	1004	, ,	,00		1524										
			085			704		355	26							1524										
			51			641	36		26		00	01615	4 1	133		1523 1523										
			085			.64 1 .428	35	245 85	26 26		no	01458	5 1	287		1517										
			085			428		850	26							1517										
			ST			189	35		27		0.0	01244	6 1	422		1510										
			085 51			189 1928	35	511	27 27		0.0	01034	4 1	536		1510 1502										
			089			1928		174	27		00	01034	7 1	,,,,		1502										
			51		(737	35		27	42	0.0	00831	7 1	629		1497										
			085			1737		048	27			00151	, ,	704		1497										
			51 085)593)593	35	013	27		Ü	00656	3 i	704		1493 1493										
			51			524	35		27		0.0	00570	3 1	765		1491										
			085	1200	(524		015	27						1	1491	_									
			51			478		01 0 0 9	27		0.0	00522	4 1	019		1491 1491										
			089			1478 1456		019	27 27		0.0	00502	2 1	871		1491										
			085	1400	(1456	35	010	27	75					1	1492	24									
			51			+36		00		77	0.0	00494	0 1	921		1493										
			089	1500	,	1436	34	998	27	1.1					1	149	26									

	SNIP COOE RC	3311	1/10	LONGITUDE 1//10		116 10, 200 WWW		MO	4	R 1/10	96.7	A		STAT NUM 7 MP	ION III(P	5	DEPTH TO BOTTOM 0121 ND OBS. DEPTHS	57	1 0	7	1 11 4	WEA THER CODE	LIFE	2	_	2	DOOC TATION UMBER BOOO
									30	508	12	5	206	1	97	,]	08			1							
	ABSSENGE TIMB 48 1/10	CAST NO	CAR		(m·)	,	٦	5	٠/	SIGM	A-1	1PF	CIFIC VOLI	U 44 B 110 7	₹ ∆ DYN	M		UND DCITT	D ₂ ml	/I PO.		101+1-P	NO ₂		NO1-N	51 ⊙4=\$1 µg = 61/1	
1	028		085	7161		1	454	3.5	J07	277							1.6	924		-	- 1						1
	028		51				438	350		277		0.1	00496	. 4				931									
	028		085				412		986	277			00+70					947									
			5.1	0 175	0	0	404	349	99	277	9	0	00482	2			14	959									
			5 T	0 200	0	0	381	34		278		0	00473	8				992									
	028		085				364		982	278								017									
			ST				335	34	-	278		0	00460	1				057									
	028		085				317		754	278								385									
			5 T				292	341		278		0	00446	4				125									
	028		085				2 76		930	278								157									
	0.28		085				247		910	278								235									
			51				243	34		278		0	00443	Ι.				278									
	028		085				239 231		903 884	278 278								321 408									
	028		085	1416		0.	201	34	004	216	, ,						10	400									

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

REPERENCE							,				_						**** 7							_	_
CTRY ID.	CODE	LATTU	DE I	CHGITUDE	200	MARSDEN SOUARE	1 5	TATION IGMT	TIME	YEAR	CRUISE		TATIOF			ro" a	MAX. DEPTH	ON	WAVE SERVATIONS	WEA-	CLOUD	İ		NODE	
COOR ND.	10001	<u>.</u>	1/10	1/10	2	10" 1"	MC	DAY	HR 1/10		NO.	,*	UMBE		101		DF MPL'S		HGT FEB SEA	CODE	TIPL AM	-	- 1	NUMBER	
318028	RC	3252	ON O	71360W	1	16 21	11	14	065	1967	A64	006	9		519	93		31	2 2	x 1	0 3	1 -	\neg	0009	
						_	ATER	\perp	WIND	RAR	v• —	IR TEA		VIC	N	o. T	SPEC							000	,
						CDLC		HS DIR	OF FORC	METI		DAY	WET	coo	, CI	THS OF	BERVA	TIONS							
						DT	5	D 31	508	11	$\overline{}$	97	167	7	27	7		-1							
	MESSENGO	CAU	4110	$\overline{}$			+		1	111	, · · · ·				-					-					
	MESSENGO TIME HR 3/10	M NO.	TYPE	DEPTH I	n1	1 6		\$	SIG	1 - A M	SPECIFIC ANOM.	VOLUA AL7-811	ji i	ΔD 7N M ± 10 ³	٠].	VELOCI	77	2 ml/l		014 L=2	NO2=N #8 + 01/l	NO3-N	51 O4 - at	Si pH	c c
	NK 3710			+			+				_		-+-	1 10-	+		+		74		14.100	μg - et/l	2g - 01	~	- 6
	1		510	0000	- 1	2354	13	654	24	96	0030	0025	.	000	١,	1533	1			- 1	I			1	
	065		OBS	0000		2354		6540	24		000					1533									
			STO	0010		2354		654	24	97	0030	003E	3 0	030		1533									
			OBS	0010		2354		6544	24						1	1533	2								
	0.05		STD	0020		2355		654	24		0030	0097	0	060		1533									
	005		OBS STD	0020		2355		6545 655	24		0000	. 1 2 1		000		1533									
			085	0030		2355		5546	24		0030	1151		000		1533									
			STO	0050		2356		555	24		0030	235		150		1533: 1533:									
			OBS	0050		2356		5547	24		0000					1533									
			085	0062		2356	3	5549	24	96						1534									
			STD	0075		2158		564	25	50	0024	273	0	218	1	1529	5								
			OBS	0075		2158		6638	25						1	1529	5								
			STD OBS	0100		2023		568	261		0050	551	0	274		1526									
			STD	0100		2023		56 7 9 562	26		0 D 1 G		^	2 2 2		1526									
			D85	0125		1927		5619	26		0018	0000	0	323		1524 1524									
			STD	0150		1892		661	26		0017	954		369		1523									
			085	0150		1892		611	26					- 0 -		1523									
			510	0200		1854		557	26	36	0017	472	0	+58		523									
			085	0200		1854		573	26							1523									
			STD	0250 0250		1828		555	264		0017	178	0	544		523									
			STD	0300		1828		5551	26							1523									
			DBS	0300		1808		5545	264		0016	911	U	530		1523! 1523!									
			STD	0400		1756		048	265		0016	735	0	798		1523									
			OBS	0400		1766	36	478	265							5231									
			SID	0500		1710	3 6	37	26	6	0016	509	0	964	1	1523	7								
			OBS	0500		1710		373	265						1	523	7								
			OBS	0558		1657		265	266							1522									
			STD	0600		1580 1580		12	266		0015	685	1	125		521									
			STD	0700		1401		82	268		0014	221	1	275		521									
			OBS	0700		1401		820	268		5014	231	1	- 73		516									
			STD	0800		1188		50	270		0012	507	1	08		510									
			OBS	0800		1188		499	270	2						5108									
			STD	0900		0950		21	272		0010	446	1 '	23	1	5036	5								
			OBS	0900		0950		212	272							5036									
			STD DBS	1000		0735		021	274		0008	481	10	18		4969									
			085	1000		0699		008	274							4969									
			013	1100		0623		106	275		0006	663	1.	93		4956									
			OBS	1100		0623		059	275			200				4942									
			SID	1200		0547		0.4	276		0005	619	1	756		4928									
			DBS	1200		0547		043	27€							4928									
			SID	1300		0510		0.5	277		0005	364	14	12		493(
			OBS	1300		0510		050	277			2.0.0				4930									
			5TD 085	1400		0481		05	277		0005	095	13	64		4935									
			57D	1500		0461		1046	271		0004	922	1.4	14		4943									
			085	1500		0461		048	277				*			4943									

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

NCE	SHIP		0.	1.000	GITUDE	≘ 5	MAN	UARE	57.A	TION TI	M.E	YEAR	_	ORIGIN			OEPT	н	MAE	D10	WAVE ERVATION	u c	WEA-	CLOU	0		T	NOOC
10. NO.	CODE	LATITU	1/10		GITUDE 1/10	PNDCT	10,	1.0		DAY H	8.1/10	16 4 3	CRU		STATIC NUMB		8DT10	I	DF S"ALPL'S		HGT PTE		CODE	1781 A				NUMBER
	20	2222		071	047W	\vdash	116	1	7,		02	1967	Aé	4 00	2		520	-		3.2	2 2		×1	1 6				0010
028	~ (3533	IN. I	0 / 1	U47W		110	WA	TER		VIND	707		AIR TE			NO	7	SPEC		14 14 1		, ~ .					001
								COLOR	TRANS	DIR	5#1D 01	ME1 (mb	ER	DRY	WE		DEPT		OBSEN A	A DONS								
								\vdash	+	122	FORCE	+	-+		16	-+-	26	+										
	_			Υ.			_	DI	SD	30	508	11	7	196	1		1 -				1	_				-		1
		E CASE	CAR	D E	DEPTH	(m)		70	5	٠4.	SIGA	T- A A	SPEC	OMALT-	10 ⁷	₹ △ D OYN. W x 103		ELOC		D2 m11	PO		074L=P	NO2-1		03-N - 601	51 C 5	
	H# 1 1	0]	-	-		_	+-				+		-		-	X 10-	-		-		+	+			+			+
	!	ŀ	ST	n	0000	n	١,	378	36	55	249	a n	0.0	3063	4	0000	٠,	53	37			- 1	-					1
	10	2	085		0000			378		550	249		00	,,,,,,	•	0000		53										
		_	51		001			379	36		24		0.0	3070	1	0030	1	53	38									
			085		0010	0	2	379		550	24							53.										
			ST		0021			380	36		248		0.0	3077	8	0061		534										
	0.0	2	OBS		002			380		549	248					0.100		534										
			ST OBS		003			380	36	55 549	248		0.0	3081	đ	0092		534										
			ST		0050			380	36		248		0.0	3089	9	0153		534										
			085		0050			380		549	248		00	, , , , ,		0.,,		534										
			OBS		006			380		549	248							534										
			OBS		007		-	376	36	542	249							534										
			51		007			337	36		250			2978		0229		53:										
			ST		0100			086	36		25		0.0	2282	1	0495		52										
			OBS		010			967	36	590	25° 260		0.0	1983	0	0348		521 521										
			085		012			967		595	260		0.	/1903	7	0 3 4 0		52										
			51		0150			919	36		26		0.0	1875	4	0397		52										
			OBS		0150			919		592	26.						1	524	42									
			SI		020	Ô	1	886	36	59	26		0.0	1815	8	0489		524										
			085		020			886		587	267							52										
			5 T		0.25			851	36		26		0.0	1769	2	0579		52										
			OBS		0251			851	36 36	557	26		0.0			0		52										
			085		0301			827		540	264		U	1740	0	0000		52										
			51		0400			789	36		264		0.0	1708	2	0839		52										
			085		0400			789		506	264				-			52										
			€ 1	0	0500	0	1	747	36		26	52	0.0	1695	9	1009	1	524	49									
			OBS		050	Ô	1	747	36	431	265	5.2						52										
			OBS		057			705		350	26							52										
			51		06.01			659	36		26		0.0	1652	0	1176		52:										
			085		060			659	36 35	251	261		0.0	11475	a	1333		52										
			ST - 085		0.701			446		880	26		U	11470	0	1000		51										
			ST		05.0			224	35		26		0.0	1291	6	1471		51.										
			083		080			224		540	26							51.										
			ST	D	090	Û	0	1963	35	23	27.	21	0.0	1054	IJ	1588	1	50	41									
			OBS	5	090		(963		230	27							50										
			5.1		100			766	35		274		00	00852	Ú	1684		49										
			085		100			766		082	274		0.1		0	17.0		491										
			51 089		110)618)618	35	05 049	27		U (0665	4	1760		49										
			51		120			1658	35		27		0.0	0592	а	1823		49										
			085		120			558		049	276				-			49										
			51		130			1508	35		27		0 (0534	0	1879		49,										
			089		130	0		508		050	27							49										
			ST		140			1477	35		27		00	0513	4	1931		49										
			085		140			1477		034	27				0	14103		49										
			51		150			447	35		27		00	00497	-4	1982		49										
			OBS		150	U	(1447	35	014	27	/ /					1	49	21									

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

						_																						
CTRY IQ.	SHIP	LATITU	101	LOI	NGITUDE	5	MARS	DEN	STA	IGM1	IME	YE AR			-	TOR'S	\Box	1430		MAL.	085	WAVE SERVATIONS	WE		UD			NOGC
CODE NO.	CODE	•	1/10		1/10	2		[Ma	VAD	(4.1/10	.,	ľ	NO.		ATION		eatro		OF		NG FEET S	1 2725	1191				MOITATE REEMUN
318028	RC RC	3214	3 N	0.7	0320w	1	116	20	11	14	130	196	7	A64 (10			570	\neg		29	4 2					-	
			,				ו	WAT			WIND	14	10-			P. 10	Vit	NO.			-	14 12 1	X 1	1 0	ا ج		- 1	0011
								COLOS	TRANS	DIR.	57110 01		ETER	URY	Т	WET	CDDE			SPE(SEEV	ARONS							
							ł	0.1	50	32	510	+-	35	197	-	162	7	-	+	_								
	MESSINGS							01	30	32	1210	1	Ť	-		-	_	26				-		_	-,-			,
	MESSZNGA TIME 0 HR 1/10	NO.	TY		DEPIN (m	1	1	τ.	5	٠/	SIG	M A - T	1	ANDMALT	_\$10 ³	1 B1	۵. دور		ELOC		02 ml/l	PO4~P yg + e1/I	FOTAL-			03-N	51 04-5	pH
	H 1/10	_	1	-		-	_		-		+		+				10*	+-		-		74.40	24 - 477	ug - at	71	g - a1/1	ν g • α1 /	
			51	ιο	0000	J	23	68	36	5.1	24	20	١,	00306	2.5	00	0.0	١,	533	a /.						- 1		1 1
	130		OBS		0000			68	36		24		,	00 300	2)	00	00		533									
			ST	0	0010			68	36		24		(00306	3.8	00	3.0		533									
			085		0010		23	68	369	515	24								533									
			ST		0020			68	365		24	90	(00306	78	0.0	61		533									
	003		085		0020			68	369		24							15	533	3 7								
			ST		0030			68	365		24		(00307	18	0.0	92		533									
			OBS		0030			58	365		24								5 3 3									
			OBS		0050			69	365		240		(00308	25	01	53		534									
			ST		0075			38	365		256			00235	2 6	02	2.1		534									
			085		0075			0.8	365		256			10233	23	UZ	2.1		528 528									
			ST		0100			98	365		250			0206	74	0.2	76		525									
			035		0100		19		365		25			10200	1 4	02	1 43		525									
			ST	D	0125		19		365		261		0	00192	10	03	26		524									
			085		0125		19	3.8	365	81	261	15							524									
			51		0150		19	13	365	8	262	2.1	0	0186	90	03	73	19	524	1								
			OBS		0150		10		365		262							15	24	1								
			ST		0200		18		365		262		С	0182	30	0.4	66		24									
			OBS		0200		18		365		262								24									
			085		0250		18		365		263		О	0178	66	05	56		24									
			ST		0300		18		365		263		_						24									
			085		0300		18		365		263		U	0178	1 1	06	45		24									
			ST		0400		18		365		264		0	0175	1 0	0 ರ.	2 2		24									
			OBS		0400		18		365		264		0	10113	10	U d	ce		25									
			ST	0	0500		17		364		265		٥	0171	45	091	3 5		25									
			085		0500		1.7		364		265		•		- /	0,	, ,		25									
			ST	C	0500		17	12	363	6	265	5	0	0169	9.1	11	56		25									
			OBS		0630		17	12	363	59	265	5							25									
			< T	0	0700		15		360	Ь	267	1	0	0155	55	132	9	15	21	5								
			085		0730		15		360		267	1						15	21	5								
			5 T	D	0800		1.3		356		269		0	0137	ь4	14	75	15	15	0								
			085	-	0800		1.3		356		263								15									
			085	D	0900		10		353		271		0	0109	3 1	15	99		06									
			STI	0	1000		10		353		271								06									
			OBS	0	1000		08		351 350		273		U	0092	00	16	19		00									
			STI	n.	1100		56		350		275		0	0076		1.7			00									
			OBS	_	1100		36		350		275		U	0010.		178	30		95									
			ST	0	1200		05		350		276		٥	0060	7 D	184			93									
			085		1200		056		350		275			0000		10-	,		93									
			5.10		1300		05		350		277		0	00545	50	19.	4		93									
			085		1300		0.5	18	350	54	277	2							93.									
			085		1320		05		35J		277	2							93									
			OBS		1352		J50		350		277							14	93	3								
			STO)	1400		048		35∪		277		0	00523	34	145	7		93									
			085		1400		041		350		277								93									
			STI)	1500		046		350		277		O	00511	1	200	9		94									
			085		1500		046	5 :	350	Ζ9	277	6						14	945	5								

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

CIRT ID.	SHIP	LATITU	DE .	ONGITUDE SO	MAR	ARE ARE	STATION		YEAR		ORIGIN		_	000	TH DE	AAX. EPTH	ORS	WAVE ERVATIONS	WEA-	CLOUG		N	ODC
CODE NO.	COOF		1/18	1/10	15"		MO DAY	HR,1/10		NO.		TA TION		10110	OM S'A	APL'S		NGT PER SEA		TEPL AMI		NU	MBER
318028	RC	3154	2N 0	70075W	116	10	11 14	165	1967	A64	01:	1		571	2		29	4 2	×1	0 3			012
710010						WAT	ER	WIND	BAR		AIR TEA		Tur	NO.	, T	SPEC	(A)		,				
						COLOS	TRANS DIE	. OI	1 1 1		ORY	WET	000	OEPT			TION 5						
						DT	50 30	_	_		206	179	7	29	,	_							
	MESSING			1	Τ-			1	-	1			_	1									7,
	MESSENGE TIME 0 HE 1/10	NO.	CARD TYPE	DEFTH (m)	1	€	5 %.	\$10	- A M	ANO	MALT-II	ő ő	A 0 0 10 3	' v	SOUND ELOCIT	τ .	02 41/1	PO4=P ug = 01/1	#8 - 81/1	NO2=N ve = 01/1	NO ₂ =N và = 01/L	51 O 4 = 5: vg = e1/1	pH C
							1	+	-			+	_	+-				+					-
	1	1	STC	0000	2	373	3651	24	89	00	3074	3 0	000	' 1	533	5			,			,	
	165		085	0000		373	36515	24	89						533								
			STD			373	3651		89	00	3078	3 0	030	_	533								
			085 510	0010		373 373	36515 3651		•89 •89	00	3082	3 0	061		533								
	002		085	0020		373	36515		89	00.		, ,			533								
			STO			373	3651		•89	00	3086	3 0	092		5341								
			- 085 5⊺0	0030		373 374	36519 3651		•89 •88	0.0	3097	, ,	154		534								
			085	0050		374	36515		·88	00	1041	1 0	194	_	534								
			STO			372	3651		89	0.0	3101	7 0	231		534								
			085	0075		372	36515		89						534								
			STE			139	3663		664	00,	2395	9 0	300		529								
			085 STD	0100		139	36625		564 598	no.	2079	5 0	356		529								
			Oás	0125		007	30002		98						526								
			SID			943	3659		15	0.0	1926	5 0	406		524								
			085	0150		940	36593		515				500		524								
			08S	0200		893 893	3658 36584		527	00	1834	9 0	500		524								
			STO		1	867	3656	2 6	32	00	1804	9 0	591		524								
			085	0250		867	36562		32						524								
			OBS	0300		841 841	3054 30541		37	0.0	17736	5 0	681		524								
			STO			791	3650		46	00	17164	4 0	855		524								
			085	0400	1	791	36501	2 6	46					1	524								
			STO			747	3643		51	00	16986	5 1	026		524								
			08S S T 0	0500		747 682	36427 3631		51 58	00.	16649	ə 1	194		524								
			085	0600		682	36308		58						524								
			085	0660		587	36136		67						522								
			STO			505	3599		74	0.0	1522	8 1	353		520								
			085 STD	0700		505 268	35992 3561		574 595	0.0	1328	2 1	496		520								
			085	0800		268	35610		95	00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		, ,		513								
			STO			997	3524		716	0.0	1107	2 1	6 1 8		505								
			085	0900		997	35240		716						505								
			OBS STO	1000		809 786	35118 3509		737 738	0.00	879	3 1	717		4991								
			085	1000		786	35088		738	000					499								
			085	1025		711	35057		747						496								
			ST0	1100		633 633	3504		756 756	000	0695	3 1	796		494								
			STD			547	3503		167	000	5891	8 1	860		492								
			OBS	1200	0	547	35032	2	767					1	492	8							
			STO			506	3503		771	000)544	9 1	917		492								
			085 085	1300 1359		506 488	35031		771 773						492								
			085	1365		485	35029		774						493								
			510	1400	0	478	3503	2	775	000	518	2 1	970		493								
			085	1400		478	35030		775	000			021		493								
			ST0	1500		454 454	3500 35005		775 775	000	05135	, ,	021		494								
			3		-			-						-									

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

							31-00	920.—C	ontini	uea							
CTEY IO.	SHIP	LATITU		LONGITUDE	MARSOEN SOUARE	STATION	171 17	CAUISE	STATION	DEFTI	OFF	H ON	WAVE SERVATIONS	WEA-	CLOUD		NOOC STATION
31802	8 RC	3154	1/10 2 N	070075W	116 10	11 14		67 A64 0	NUMBER	571	SAMP	L'S OIR	HGT FIR 31		119 A 44		NUMBER
						ATER	WIND	BARO- AIR T	EMP. T	5712	31	131	5 2	X1	8 5	I	0013
					CODI	E (m)	POICE	METER ORY (mbs) BULB	8018	OE₽TH	OBSE	IVA TIONS					
	M ESSENG	e Carr	CARC		$\overline{}$	31		129 206	179 7				1				
	HR 1/II	CAST NO.	TYPE	DEPTH (M)	1 6	3 %	SIGMA	-T SPECIFIC VOI	UME \$ △ 0181 OYN.	°2 \	LOCITY	02 ml/l	PO4=P HQ = 01/1	1014 L=P #g = #1/1	NO3-N ug = 61/1		01/I pH 5
	21	,	ØBS	T1492	01.53								1-1				
	21	,	\$T	1500	0452 0450												
	21	7	5 T (7 1750 7 1754	0407 0406	34986	5 2779			1.6	960						
	21	7	510 085	2000	0385	3499 34980	2781		1	14	992						
	21		ST0	2500	0339	3497	2784	000463	6	15	028						
			510		0315 0296	34954 3494	2786	000449	19		126						
	217		085 085	3296 T 38 17	0274	34930 34911				15	168						
	217	7	ST0	4000 T4329	0239	3491 34900	2789	000438	1	15	276						
			003	14329	0235	34900	2788			15	332						
REFERENCE	SHIP	LATITUDE	Π.	ONGITUDE ES	MARSOEN SOUARE	STATION T	IME	ORGIN		DEPTH	MAE DEPTH	· · · ·	VAVE		CLOUO		NODE
COOK NO.	CODE		/10	1/10 E		MO DAY			TATION IUMBER	10 10170M	OF S'MPL'S		GT PIET SEA	CODE	COOES		STATION NUMBER
318028	RC :	31556	N 00	58544W	115 18		040 196	410 75 4		5099			2	×1	0 3		0014
					COLOS	TEAMS OIL	SMED W	ETER ORY			SPEC						
					DT	50 26	10.00	32 216	178 7	34							
ŀ	MESSINGI THMI OF	CAST	CARD	OFFTM (m)	1 =	3 1/4	SIGMA-T	SPECIFIC VOLUM	41 ₹ Δ 0	sou		02 ml/l	104-F 10	01AL-P N	10 ₂ -N	NO3-N SIO.	-51 5
1	H# 1/10		*****				-	ANOMALT-LIG	z 10 ³	AELO	CITY	07 111/7	μg - #1/1 μ			vg - 01/1 - 0 -	
ı	1	1	STO	0000	2374	3649	2487	0030961	0000	153	335)		ļ	-	ĺ	
	015	(38S 510	0000	2374 2374	36489 3649	2487 2487	0031001	0031	153	35						
		(280	0010	2374	36489	2487	00 11001	0031	153 153							
	003	(STD 085	0020	2374 2374	3649 36489	2487 2487	0031041	0062	153							
			STD	0030	2374	3649	2487	0031081	0093								
		(BS STD	00 30 0050	2374 2374	36489 3649	2487 2487	0031161	0155	153 153							
)BS	0050	2374	36489	2487		0.00	153	43						
			085 085	0059 0068	2371 2193	36490 36505	2487 2540			153 153							
			STD	0075	2193 2193	3664 36636	2550 2550	0025218	0225	153 153							
			BS	0079	2187	36636	2552			153	0.3						
		C	5TD 985	0100	2026 2026	3662 36623	2595 2595	0021030	0283	152 152							
			STO	0125		3661	2615	0019202	0333	152	46						
			SID	0150	1906	36610 3660	2615 2625	0018372	0380	152 152							
		С	STD	0150		36600 3657	2625 2630	0018038	0471	152 152							
		0	BS	0200	1877	36572	2630	0010038	0471	152							
		C	STD	0250		3657 36569	2637 2637	0017556	0560	152 152							
		0	STO	0300	1824	3655 36548	2641	0017278	0647	152	40						
			SID	0400	1775	3649	2650	0016831	0818	152 152							
			BS STD	0400		36495 3642	2650 2654	0016707	0986	152 152							
			85	0500 0560	1734	36423	2654	0010.0.	0.00	152	45						
			STD	0600	1634	36350 3623	2658 2663	0016094	1150	152 152							
			185 185	0600 0650		36230 36030	2663 2668			152							
			SID	0700	1438	3588	2681	0014561	1303		80						
			STD	0800		35883 3550	2681 2703	0012431	1438	151 151							
			85 STD	080 0 0900		35502 3523	2703	0010333	1551	151							
		0	BS	0.00	0944	35227	2724 2724	0010231	1551	150 150	34						
			BS	1000		35043 3505	2741	0008284	1044	149							
		0	BS	1000	0734	35046	2743	.,		149	69						
			BS STD	1050 1100	0581	35000 3499	2753 2759	0006560	1718	149							
			85 85	1100 1150	0581	34990 34980	2759			149	25						
			STO	1200	0501	3498	2768	0005639	1779	149	09						
			B S B S	1200	0501	34980 34990	2768 27700			149	09						
		0	BS	1266	0474	34980	2771			149							
		0	STD BS	1300	0459	3498 349 8 2	2773 2773	0005167	1833	149							
			STD BS	1400	0447	3500 35003	2776	0004958	1884	149	20						
			510	1500	0441	3502	2776 2778	0004826	1933	149	35						
)	BS	1500	0441	35023	2778			149	35						

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

	SHIP				E MAR	SDEN	STATIO	N TIME		1 '	DRIG IN	ATOR'S	1	DEPTH	DEPTH		WAVE	WEA-	CLOUD	1		NODC
DE NO.	CODE	LATITUDE		NGITUDE E	501	JARE			YEAR	CRUISE ND.	S	TATION		10110	DEPTH	1	ERVATIONS	THER	CODES		- 5	TATION
1			/10	1710	10		MO DA			+	-				2	1	HGT 244 SE	+	1191 441	1	-	_
18028	RC	315461	1 06	7443W	115	17	11 15	097		A64	O1			4956		24	4 3	×1	1 0			0015
						CDLOR	1	50	10	ta i	DEY	WET	CODE	ND. 095		CIAL						
						CODE	(m)	10	act (mb	-	ULB	901.0	1	DEFIN	\$							
_						DI	50 2	4 51	4 11	5 Z	19	182	3	28	1							
	MESSENGE TIME Q	CAST	CARD	DEPTH (m)		7 10	5 1/	. .	IGMA-1	SPECIFIC		ME S	A D	sc	DUND	0 2 ml/l		10141-1	NO3-N	NO3-N	SI Da-Si	рН
	HR 1/10	NO.	TYPE							ANGM	ALT-1)	" "	x 103	VE	LOCITY		₩g + 61/1 1	μg - α1/1	⊌g - q1/1	⊌g - 01/1	ρg - e4/l	, ,
															- 1			-				
			510	0000		338	3643		493	003	035	2 00	000		325							
	097	(985 STD	0000		338	3643 3643		493 493	003	0417	ום ר	030		325							
			85	0010		338	3643		493	00)		, ,	000		327							
			STD	0020		339	3644		493	003	0414	• DI	060	15	329							
	002	(BS	0020		339	3643		493						329							
			STD	0030		340	3644		493	003	048	1 0	91		331							
		C	9BS \$10	0030		340 341	3643 3645		493 493	003	054	3 0	152		335							
		(85	0050		341	3644		493	003		- 0	- / -		335							
			85	0061		341	3646		494						337							
			B5	0067		230	3646		526						310							
			510	0075		221	3666		544	005	580	9 0	222		311							
		(BS	0075		221 056	3665 3661		544 586	002	105	0 0	282		311							
			S10 85	0100		056	3661		586	002	100	6 0.	. 02		272							
			STO	0125		947	3659		613	001	9374	4 0	333		246							
		(BS	0125		947	3658		613						246							
			STD	0150		902	3657		623	001	848	9 0	381		237							
		0	85	0150		902	3657 3657		623 632	001	7051	5 O	472		237							
			STD	0200		868 868	3656		632	100	/02:	5 0	12		236							
			STD	0250		835	3654		638	001	7424	4 0	560		234							
		() B S	0250		835	3654		638					15	234							
			STD	0300		805	3651		644	001	706	3 0	646		234							
		(085	0300		805	3651		644				u 1 E		234							
		,	STD 085	0400		760 760	3646 3646		651 651	001	6714	4 0	815		5236 5236							
			5 T D	0500		722	3639		654	001	667	1 0	982		241							
		(85	0500		722	3638		654					15	241							
		(B5	0560		664	3627		659						232							
			STO	0600		584	3612		666	001	576	1 1	144		212							
		(28S 5TO	0600		584 385	3612 3579		666 685	0.0.1	412	3 1.	293		5212							
		(085	0700		385	3578		685	001			- / /		162							
			STD	0800		181	3549		702	001	245	2 1	426		106							
		(BS	0800		181	3548		702						106							
			STD	0900		931	3518		723	001	035	0 1	540		029							
		(085 510	0900 1000		931	3516 3501		723	000	835	a 1	634		5029 4964							
		(285	1000		723	3501		742	000	0,55		- , -		964							
			085	1050		646	3500		752					1 4	942							
			5 T O	1100		604	3502		758	000	668	7 1	709		934							
		(085	1100		604	3501		758	000		, ,	777		934							
		,	STD DBS	1200		524	3499		766	000	585	ا د	772		4918 4918							
		,	STD	1300		494	3502		772	000	535	1 1	828		1923							
		(085	1300		494	3502		772				5		923							
			STD	1400		465	3501		774	000	515	7 1	880		928							
		(OBS	1400		465	3500		774	00-	- 0-		01.		1928							
			STD	1500	C	446	3501		776	0.00	500	1 1	931	14	937							

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

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REFERENCE	SHIP	LATITU	0.	ONGITUOF	5 X	SOU	ARE .	STA	TION T	IME	TEAR	\vdash	ORIGIN A	TOR'S	_	DEP*	TN OE	AX. PTH	085	WAVE ERVATIONS	WEA-	COOSS			NOOC	
CODE NO.	CODE	•	1/10	1/10	2 3	10*	1*	MO [DAY	4R,1/10		CRUISE NO.		UMBER		1011		PL'S	010	HGT FEE SEA		Tree and			NUMBE	1
318028	RC R	3155	1 N 0	66342W		115	16	11	15	147	1967	A64	014	•		511	10		24	3 2	×1	0 3			001	6
5.0000							WA	TER		NINO	BARG		IR TEM	J. 41	- VIE	NO). T	SPEC								
							0008 0008	YEAN'	DIR.	SPEE OF FORCE	METI Jenbe		DRY ULB	WET	COD	081 0EP1		ERVA	TIONS							
							DT	50	25	516			40	204	7	28	-									
		1	_	1			01	130	160	1310	, 1.4		_	_	1.	+	_	1		T	-		-	1	_	1,
	MESSENGE TIME	L CAST	CARD	OEPTH	(m)	7	₹	1	*/	510	MA-T	SPECIFIC	ALT-110	, 0	∆ 0 M MY 103	· v	SOUNO VELOCITY		0 2 ml/l		1014L-F	NO7=N ug - st, I	NO3-N	51 O a =		4 2
	NR 1/10			+		-		+		+				+	1 10	+		+		+ - +	-	-		-		- 1
	1	! !	l StD	300	n	,	348	36	30	24	87	003	0951	, ,	000	٠,	15321	, 1			1	- 1		1		- 1
	147		085	000			348		389		87	00.	0				15327									
			STD	001		2	347	36	39	24	87	003	0955	0	031		15329									
			OBS	001			347		390		87		0000		0		15329									
	000		510 085	002			347 347		39 391		87	003	0986	0	061		15330 15330									
	002		510	003		_	347	36			87	003	1017	7 0	092		15332									
			OBS	003			347		392		87						15332	?								
			STD	005	0	2	347	36	43	24	90	003	0824	• 0	154		15336									
			085	005			347		430	_	90						15336									
			OBS	005			342 154		480 63		95	002	4216	a n	223		15337 15294									
			085	007			154		630		60	002	- e. J. C	, 0			15294									
			STD	010			028	36			95	002	1040	0 (280		15264									
			085	010)	21	0.28		629		95						15264									
			STO	012			922	36			22	001	8547	7 0	329		15239									
			085	012			922 885	36	618		30	001	7862	2 0	375		L5239 L5233									
			5TD 0BS	0150			885		599		30	001	1002	. 0	,,,		15233									
			STD	220			838	36			39	001	7169	0	462		15227									
			085	0200)		838	36	562	26	39						15227	,								
			STD	0250			B 0 B	36			44	001	6820	0	547	_	5227									
			085	0250			808	36 36	534		44	001	6530		631		15227 15227									
			STD	0300			781 781		509		49	001	0 7 3 6	, ,	0 3 1		5227									
			STD	0400			747	36			54	001	6427	7 0	795		5233									
			OBS	0400)		747		458	26	£ 4						15233									
			510	0500			579	36			61	001	6055	0	958		15227									
			085	0500			579 507		335		61						15227 15212									
			0BS ST0	055			50 8	36	188		75	001	4826	1	112		15187									
			085	0600			508		015		75	001	1020	, ,	. 12		15187									
			STD	0700			303	35			94	001	3184	- 1	252		5133									
			OBS	0700			303		685		94						15133									
			STD	080			77	35			12	001	1360	1	375		15066									
			085	080			977 872	35 35	369		12	000	9459	1	479		15068 15007									
			ST0 0BS	0900			872 872		165		31	000		- 1	. 1 4	_	5007									
			SID	1000			567	35			51	000	7322	2 1	563		494									
			085	1000			567	35	038	27	51					1	4943	3								
			OBS	104			501		020		150						4924									
			STO	1100			558	35			166 166	000	5883	3 1	629		14916									
			0BS 5TD	1100			55A 508	35	03B		71	0.00	537e	, 1	685		14916 14912									
			085	1200			508		030		71	300	10	- 1	-09		4912									
			STD	1300			457	35			75	000	4940	1	737		4906									
			OBS	1300)		457		010		75						4908									
			OBS	1304			453		010		76				70+		4907									
			STD	1400			430	35			77	000	4761	. 1	785		14913 14913									
			085 510	1400			430 410	34	999		7.7	000	4655	, 1	832		L491: L4922									
			085	1500			410		989		79	500	. 0 , ,		4.		4922									
				1-0						- '						•										

Table VIII. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 13–15 November 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8028.—Continued

FERENCE ID.	SHIP	LATITU	JDE	LDN	GITUDE	PALIFY WOCTS	SOU	DEN ARE	A12	TION	IME	YEAR		RUISE	RIGINA	TOP'S ATION		DEPT	" 0	MAX.	Das	WAVE	ons.	WEA	- Cro	OES			NDI STAT	20
1D.	CODE		1/10		1/10	° š	10*	12	MO	DAY	HR.1/10		[`	NO.	N	MALER		ROTTO		MPL'	(HGT PE			TTAL		1		NUM	438
18028	RC	3159	N.	065	26 W		115		11		197	196	.7	A64	015			508	4		23	4 2		×1	0	3			00	17
								WA	_	+	MIND		ARO-		IR TEM		VIS	NO.		SPE	CIAL							,		
								COLDA	TRAN'	DIR.	SHI	1 "	ETER I adm	01 #U		WET	C008	DEPTH	Hs OF	SERV	ATIONS									
								DT	SD	25	514		22	22	8	208	7	30												
	MISSENG	CAST	CAI						1	-	ή_		Τ.	SPICITIC		_	Δρ	' T	SOUND			PO.	$\overline{}$					T		_
	M1558NG 11MI HR 1/10	NO.	111	PE	DEPTH	(m I	T	€.	3	٠/	310	MA-1	1	AHOMA	L7-E10	0	∆ D M . M		ELDCI		0 g m1/1	NO.		101A L=P		M/I	NO ₃ =N #g = et/f			μН
									1				$^{+}$					+				+	7		1	+		+-		-
	ŀ			то '	0000)	2	379	36	38	24	76		0D31	923	0.0	000	1	533	5		1	,		1	,		1		
	19	7	089		0000			379		375		76							533											
			51		0010			368	36			80		0031	600	01	131		533											
			089		0010			368 367	36	382		80		0031	540	0.0	63		533 533											
	00,	2	085		0020			367		392	24			000.	,,,,	•	, 0 ,		533											
				ΤŌ	0030			367	36			81		0031	562	0.0	94	1	533	7										
			089		0030			367		395	24								533											
			085	T D	0050			368 368	36	41 412		82		0031	542	0	158		534 534											
			089		0058			369		412 424		83							534 534											
			085		0068			186		616		50							530											
			5.1		0075	5	2	161	36	62	2.5	57		0024	490	0.2	28		529											
			089		0079			161		618		57							529											
			089		0100			047 047	36		-	90		0021	486	0.	85		527											
			51		0125			949	36	635 62		15		0019	221	0.3	336		527 524											
			085		0129			949		618		15		0017	221	0.	01.		524											
			51		0150			908	36			24		0018	382	0	883		523											
			089		0150			90 B		605		24							523											
			51		0200			371	36			33		0017	756	0.4	73		523											
			065		0250			871 837	36	591		33		0017	217	0.6	061		523											
			085		0250			337		562		39		0017	211	0.	,01		523 523											
			51		0300			814	36			44		0017	040	06	47		523											
			089	5	0300		1	814	36	548	26	44							523											
				TO	0400			762	36			51		0016	643	0.8	315		523											
			085		0400			762		478	26					0.0			523											
			085		0500			717 717	36	41 408		57		0016	416	0.	81		524 524											
			089		0572			553		280		63							523											
			51		0600			598	36			67		0015	711	1	141		521											
			085		0600			598		170		67						1	521	7										
			51		0700			351	35			89		0013	626	1 4	288		515											
			089		0746			351 243		760 586		98							515 512											
			083		0770			216		565	27								511											
			51		0800			108	35			10		0011	639	14	+14		507											
			089	5	0800)	1	108	35	410	2.7	10						1	507	9										
			51		0900			870	3.5		27			0009	447	1 :	20		500											
			085		1000			870 554	35 35	162	27	51		0007	220	1.	03		500 493											
			089		1000			554		012		51		0001	320	1.6	003		493 493											
			51		1100			556	35			64		0006	002	16	70		491											
			085		1100			556		018		64				-			491											
			085	S	1104			549		014		65							491											
			51		1200			09	35			72		0005	326	1	727		491											
			085		1200			509		038		72		0001	06.	, .	7 70		491											
			089		1300			68 68	35	01 014	27			0005	ひつう	1	779		491 491											
			51		1400			443	35			77		0004	848	1 <	128		491											
			085		1400			43		010		77							491											
			S 1		1500			27	35			79	-	0004	750	1 8	76		492											
			085	5	1500	}	0.4	27	35	008	2.7	79						14	492	Q										

REFERENCE SHIP	TITUDE	LONGITUDE		ARSDEN QUARE		ION TI		TEAR		INA10		4	DEPTH	DEPTH			WAVI ERVAT		. 1	WEA-	CLD					NDDC T4TION
COOR NO CODE	1/10	1210	0.7		MOTO				CRUISE	NUN			MOTTON	S'MPL			HGTP			CODE	11Ft 4					UMBER
			1-1-	1		-	-					1	0.0.	1			-		1			_			1	0010
318028/RC / 31	530N	065268W	111	5 15			18 1 VIND	T	A64 0	IEMP	~ 1	- 12	084	_		23	4 2		- 1	X1	8	2			1	0018
				-	-	-	19610	METE).	-	- v	13.	NO DBS		CIA											
				COLD	18495	DIR	10101	tmbs			ULE CO	201	CHT43	DESERY	VA TI	SNS										
						25	514	12	2 228	2	08 7	7	09													
MESSINGE CA	A 51 C A		(m.i	7 70	5	٠	SIGM	A = T	SHORE VOI		₹ ∆ DYN	NA.		JND OCITE	01	m1"1		a=J		14 ()	NO2=		N D 3 = N		a-S	дН
HW 1210 1		-	-		+		+	_			-	-	-		-	-	+		+			+		+	_	
218	0.8	5 142	0 1	0441	349	96	277	6			I		149	919			1							1		
		TD 150		0426	349		277		00048	9.7			149	926												
218	08			0407	344	76	277						149	939												
		TD 175		0399	349	8	277		000480	0.5			149	957												
		TD 200		0381	349	19	278		000469				149	996												
218	08			0372	349	193	278						150	006												
		TD 250		0330	349		278		000455	5.3				055												
21 H	28			0318	349		278							071												
		TD 300		0289	349		278		000440	09				124												
218	08			0280	349	37	2 7 B							140												
218	98			0237	349		279							212												
		TO 400		0231	349	1	279	0	000420	0.0				273												
218	0.8	S T414	8	0229	349	10	279	0						298												
218	0.6	S T466	7	0228	349	0.0	2.78	9					15	390												
218	0.8	S T475	4	0229	348	394	278	8					154	406												

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.

REFERENCE					MARSOEN		ATION T	***		1	ORIGIN	ATORY		OSPIH		MAX		3 V A W	WEA-	CLOUD			400c	
CIEV ID.	COOE	LATITU	30	LONGITUDE ES	SQUARE	''	(GMT)	.m.t	YEAR	Cauls	\$ 3	TATIO	4	10	"	OF I		ERVATIONS	THER	COOES		\$	I A TION UMBER	
CODE NO.	COOL		1/10	1/10 0 3	10" 1"	MO	DAY	R,1/10		NO	'	NUMBE	-			MPL'S		HG! PIR SE	_	TTPL AM	-	-	_	
318032	RC .	3506	1N 0	75030W	116 55			99	1967	A6				100€	5		23	3 2	X 6	0 3			0001	
					_	WATER	-	SPEE	BAR MET		AIR TE	MP C	VIS.	NO.		SPEC	IAL							
					COL	OR TEA		1010			BULB	BULI		OEFTH	2 0	BSERVA	TONS							
					01	S	0 23	515		3	231	21	1 6	34	\top									
	MISSINGS		CAFD		1	1		Ή		1440	ric valu		₹ ∆ ¤	1	DUNG	$\overline{}$		PO 4-P	FOTAL-F	NO2-N	NO3-N	5104-51		3
	MISSINGE TIME	of NO.	TYPE	OEPTH (m)	1 5		\$ 1/4.	\$10	MA-1	ANO	MALT-EI	, i	1 103	VE	roci	14	0; m1/1	≠0 + 01/3	M8 - 81/1	μg - α1/1	μg - α1/1	yg - 01/1	914	č
	HR 1/10							+				+		+		\pm		1					_	+1
		1	STD	0000	2400	3	633	24	67	00	3284	9	0000	15	533	9		1						1 '
	099	,	085	0000	2400		6328		67					1 5	533	9								
			STD		2404		633		66	0.0	3299	0 (0032		534									
			085	0010	2404		6330		66		3293		065		534 534									
	003		ST0	0020	2401 2401		6331		67	00	3273	4 (1065		534 534									
	00,	1	ST		2391		634		68	00	3282	5	0098		534									
			085	0030	2397		6337		168						534									
			085	0042	2386		6346		72						534									
			STE		2316		633		91	00	3068	6 ()162		532 532									
			085	0050 0056	2316		6329 6279		91						529									
			STE		2192		628		23	00	2776	4	235		529									
			085	0075	2192		6280		23					15	529	19								
			085	0088	2191		6284		24						530									
			STI		2171		626		27	00	2745	8	0304		529 529									
			085	0100	2171		6257 6279		33						529									
			ST		2094		622		545	00	2581	2	3371		528									
			085	0125	2094		6217	25	545					1 5	528	1								
			085	0129	2016		6215	-	666						526									
			STO		1794		612		516	00	1916	1	0427		520									
			085	0150	1794		6117 5937		516						520 513									
			085 085	0179	1576 1555		5897		556						513									
			STO		1400		573		575	00	1359	8	3509		508									
			085	0200	1400		5735		575						508									
			STO		1158		542		701	00	1118	9	0571		500									
			085	0250	1158		5417 5320		701 709						500 498									
			0BS	0270	1048		529		712	0.0	1,59	0	0624		491									
			085	0300	104		5294		712	00					49									
			085	0363	096	9 3	5207		719						495									
			ST		082		510		734	00	0825	0	0717		490									
			085	0400	082		5099		734 749						49(484									
			085	0440	066		4999 4997		758						482									
			085	0480	051		4921		761						479									
			STI		050		494		764	00	0517	8	0784	1	479	94								
			085	0500	050		4942		764						479									
			STI		047		496		769	00	0481	6	0834		479									
			085 085	0624	047		4957		769 769						480									
			085	0558	045		4954		771						479									
			S T		045		496		772	0.0	0465	٥	0681		480									
			085	0700	045		4959		772						480									
			085	0785	044		4951		772						481									
			085	0790	042		4934 496		773 775	0.0	0439	3	0926		481 481									
			085	0800	042		4963		775	00					48]									
			085	9836	042		4964		775						48									

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

													,						,								
CTRY 10.	SHIP	LATITU	DE	LONGIT		20	SQUA	DEN	STATIC	N TI	WE	YEAR	CRUI		ATION		DEPTH TO	DEPTI	081	WAVE SERVATIONS		ER	CLOUD		-	NO:	ION
CODE NO.	COOL	•	1/10		1/10	2	10"	11.	40 DA	YHI	1,1/10		NO	N	UMBER	_	BOTTON	S'MPL	'S OW.	HGT HE S	CO	DE	THE AMT		_	NUM	BER
1318032	RC	1448	3N	743	38w	1	16	44]	2 1		31	1967	A6				2981		22	4 2	X.	2	0 3			00	02
							1	CDLOR	TEANS.	DIR.	SPLID	MET		DRY DRY	WET	VIS	NO. 085.	SP	ECIAL VATIONS								
								CODE	1641	_	FORC	(mb)	1)	AULE	BULB	+	OBS. DEPTHS	0471									
		_						DT	SD :	9	518	10	3	233	221	_	_	L.,				_			,		,
	MESSENGE TIME	CAST	CARC	0	EPTH W	si	Ţ	Έ	5 *	4.	SIG	MA-T	SPECI	HC VOLUA	șt 8	A D	SO	UND	02 ml/l	PO4=P	10141		NO7=N ug - 81/1	NO ₁ -N	SI O		gH .
	HR 1/10			+		\rightarrow			_						+	x (0)	-			74 - 477	24.0	-	14 - 2071	yg - a1/1	NB - 0	-	
		1	ST) (0000	- 1	24	89	3620)	24	3.0	0.0	36348	1 0	000	15	359		1		-			ļ	ı	l
			OBS		0000		24	89	361	7	24	30					15	359									
			STI		0010 0010			89	3619		24		00	36388	9 3	036		361 361									
			STE		0020			91	3620		24		00	36484	. 0	072		363									
	002		085		0020			91	3619		24							363									
			STI OBS		0030 0030			92	3620		24		00	36479	0	109		365 365									
			085	(0040		24	88	362	7	24	3.2					15	366									
			STI		0050			68	3636		24		00	31950	0	177		340									
			085 511		0050			868	3635		24 25		0.0	28724	0	453	• -	340 325									
			0.85	(0075		2.2	85	364	9.7	2.5	13					15	325									
			ST(0100 0100			74	3658		25 25		00	25158	0	320		302 302									
			511		0125			169	367		25		00	21709	0	379		280									
			085	(0125		20	159	366	16	25	9.9					15	280									
			511 085		0150			954 954	3664		26		00	19231	. 0	430		253 253									
			085		0178			189	366		26							239									
			511) (0200		18	881	366		26	32	0.0	17877	, 0	523		240									
			085 STI		0200 0250			181	3656		26 26		0.0	16960		610		240 231									
			085		0250			122	3656		26		00	10900	, ,	010		231									
			STI		300			94	365		26		00	16653	0	694		231									
			085 112		0300 0400			132	365		26		0.0	16347	, 0	859		23 1 228									
			085		0.400			3.2	364		26		00	1034,				228									
			085		0450			74	363		26			16216		0.17		218									
			085		0500 0500			83	3614		26 26		00	15218	1	017		196 196									
			085	(0562		14	64	350.	25	26	78					15	166									
			STI OBS		0600			153	3576		26		00	13409	1	160		134									
			085		0600 0642			81	356		26							116									
			ST) (0700		10	84	3536	>	27	11	00	11295	1	284	15	054									
			085 STI		0700 0800			84	3536		27		0.0	09825	. 1	389		994									
			085		0800			84	351		27		0.0	0.402.	, 1	2 17 7		994									
			0B5		0830			126	350		27							976									
			085 510		0858 0900			59	350; 350;		27		0.0	05810	1	467		9 1 8 883									
			085		0000			59	350		27		0.0	0.5010	_			883									
			0.65		0350			19	3498		27							875									
			085 510		1970 1000			76	3498		27		0.0	N4964	. 1	521		863 865									
			085		1000			76	3490		27					1		865									
			085		1064			64	3499		27							871									
			STO		1100 1100			36	349		27 27		0.0	04749	, 1	573		865 865									
			STI)	1200		04	49	3502	?	27	7.7	00	04673	1	617	14	888									
			OBS		1200			33	350 : 350 :		27		0.0	04620	,	663		8 88 898									
			OBS		1300			33	350		27		0.0	U402U	1	-03		898									
			STI)	1400			13	3500		27	79	0.0	0.4555	- 1	709		906									
			085 511		1400 1500			13	3499		27		0.0	04530	1	755		906									
			065		1500			02	3490		27		50	0 7 7 7 5		. , ,		918									

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE	1				-=	MARSOEN	5	TATION 1	IME			DRIGIN	A TOR'S		DEPTH	MAI		WAVE	WEA	Crono	T	_	NODE	-
CODE NO	COOE	LARTU		LONGITUDE	500	SQUARE		IGAT		YEAR	C R U+SE	S	TATION		TO	DEPT	0.0	SERVATIONS	THE	COOES			STATIO	DN
CODE NO.	+		1/10	1/10		10" 1"	MO	1			NO.		UMBEI			S'MFL	."5 010	HGT PLB SI		1191 A M	(TOME	
31803	1321RC 34268N		8N	074050W	1 1	16 44	12		173	1967	A65	00.			3658	1	20	5 3	X 6	0 3			000	03
						CDLO	ATER	_	SPEEC	MAR	U-	ORY TEA	WET	vis	ND. OBS		ECIAL							
						CODE		DIR.	FORC	im hi		ULB	BULR	1001	DEPTHS	OHZER	VATIONS							
						DT	5	D 19	\$30	10	6 2	19	209	5										
	MESSENGI NAS	CAST	CAR		[T		1		SPECIFIC	VOLU	me 3	A D	SOL	JND		PD4-P	fOfAL=F	NO7-N	NO3-N	SID	-5.	
	HB 1/10	NO.	1446	OEPTH	· ·	1 %		s */.,	21.0	M A - 7	AHOM	ALT-21	07 0	YN, M X 10 ³	VELC	CITY	02 ml/l	yg + e1/1	μg = ±1/1	ug - et/1	VQ - DI I	νφ.		дН
							1		+-													-		
	'		ST	D 0000	٠ ٔ	2084	3	657	2.5	75	002	2551	1 0	000	152	262		1						,
			OBS	0000		2084		6567	25						152									
			ST			2084		657	25		002	2598	в о	U 2 2	152									
			085 51	0010 0020		2084		6566 657	25 25		002	2434		045	152 152									
	202	>	085	0020		2084		6566	25		002	200	5 0	043	152									
	302		ST			2073		659	25		002	2238	8 0	067	152									
			085	0030)	2073	3	6587	2.5	79					152	264								
			ST			20.73		661	2.5		002	2160	0 0	112	152									
			085	0050		2073		6609	25		000	2011	. ^	1 . 7	152									
			5 T 0 B S	0075 0075		2067		662 6616	25 25		002	c U 46	5 0	167	152 152									
			ST			2056		662	26		002	1831	1 0	222	153									
			085	0100		2056		6619	2.5		001				152									
			085	0119	3	2044	- 3	6600	25	8.8					152	272								
			ST			1944		660	26		001	9220	0	۷73	152									
			085	0125		1944		6600	26					220	152									
			5T	0150 0150		1904		660 65 97	26 26		001	8345	5 0	320	152 152									
			5T			1892		659	26		001	B 2 B F	. 0	+12	152									
			055	0200		1892		6589	26		001		, ,		152									
			ST	0250		1848	3	656	26	36	001	7609	9 0	501	152	238								
			085	0250		1848		655A	26						152									
			SŤ			1814		655	26		001	7049	3 0	588	152									
			085	03n0 04n0		1814		6546	26		201			756	152									
			085	0410		1766		649 6490	26 26		001	00).) (120	152 152									
			ST			1706		638	26		001	6345	5 0	921	152									
			OBS	0500)	1706	3	6382	26	58					152	236								
			5 T			1601		618	26		001	568	7 1	082	152									
			085	0600		1601		6183	56				, .		152									
			5T			1393		583	26		001	4016	5 1	230	151									
			005	0700 0800		1393		5826 545	26 27		001	2070	0 1	361	151 150									
			085	0800		1146		5447	27		001		, ,	J 0 1	150									
			51			0882		517	27		000	9558	В 1	469										
			085	0900		0882		5175	2.7						150									
			5 T			0683		504	27		000	754	3 1	554	149									
			085	1000		06.83		5041	2 7						149									
			085 51	1090		0565 0567		4998 502	27		000	6126	E 1	623	149									
			085	1100		0567		5021	27		000	0135	, 1	023	140									
			085	1171		0503		4986	27						149									
			5 T			0505		502	27		000	5438	8 1	681	140									
			085	1260		0509		5035	2.7						140									
			ST			0478		502	27		000	517	1 1	734	149									
			035	1300		0478		5017	27		0.00	502	1 1	705	149									
			ST 085	0 1400 1400		0456		501 5009	27		000	5 Q 3 1	1 1	785	149									
			ST			0426		500	27		000	4791	1 1	834	140									
			OBS	1500		0426		5000	27				-			928								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

					+ +							,			_		MAX	-		,				
CTET ID.	SHIP	LATITU	301	LONGITUDE	100	SOU	ARE	STA	TION 1	IME	YEAR	CH	ORIGIN UISE S	TATION	-	DEPTH	OEPTH OF	04	WAVE SERVATIONS	THER	CODES		51	NODC TATION
CODE NO.	COOE	•	1/10	1/10	8 2	10*	1.1	MO	DAY	44,1/10			40	IU MEER		#0110W	S, Wall.	Dill.	HGT PER SEA	CODE	1141 A.M.1		N	UMBER
318732	R.C	3407	1 N	0.73350w		116	43	12	11	208	196	7 A	65 00	4	Ì	4169		17	5 3	×2	0 3			0004
310 /32							WA	,	1	WIND	IA.	PD-	AIR TEA	7 tu	Vit	NO.	SPE	CIAL						
							COLOR	TRANS	DIR	SPEE:	10.0		DAY	WET	000	OBS. DEPTHS	OSSERV							
							_	- n	1.0	1			_	206	5	-								
		1	1				DT	SD	19	530) 1	1	214		-	4	-						_	
	MESSENGE TIME I	LCAST NO	CAR	DEPTH	(m)	1	℃	5	*/	SIG	T-AM		NOMALT-II	#! B	400	SD1 VELO	DOLLA	D2 m1/		OTAL-P	NO2-N VV - 01 '	NO ₃ -N	\$1.0 a = \$1 ug = et/1	рн (
	HB 1/10	-	-		-	-		+-		-		+		'	103		-		+	-			-	
			١	_				~ .	r 0	1 25		1	47100	1	000	1,5	255							
			ST 085				058 058	36	ว ช 577		83	U	02180	0 0	000		255							
			51				058		58		683	0	02184	5 0	221		257							
			085				058		577		83	_	02.0.	, ,			257							
			51				057		58		R3	0	02186	5 0	143		258							
	203		085				0.67		577		8.3					15.	258							
			51		0	2	047	36	58	2.5	86	0	02160	3 04	165	15	257							
			085			2	0 4 7		583		86						257							
			085				019		586		94						250							
			ST				009	36			9.0	0	02056	2 0	107									
			085				009		603		96		0.005.		1.5.0		251							
			51				008 008	36	61 614		99	U	02054	6 0	159		255 255							
			085				008	36			99	0	02063	0 0	210		259							
			5T 08S				007		612		99	0	02003	0 0.	. 10		259							
			51				946		60		14	0	01928	4 0.	-60		246							
			085				946		599		14	_	0.700		- 0 0		246							
			ST				881	36	59		30	0	01785	2 Ū.	306	15.	232							
			085	015	0	1	881	36	587	26	30						232							
			5 T	D 020	0	1	854	36		26	36	0	01748	1 0	95									
			085				854		572		36						232							
			5.1				825	36			41	0	01714	1 0	• 8 1		232							
			085				825		546		41			- 0			232							
			57				798 798	36	53 526		46 46	U	01681	/ 0:	66		232 232							
			08S				746	36			54	0	01641	а о	732		232							
			085				746		456		54	0	01041	0 0			232							
			51				694	36			59	0	01625	5 01	396		232							
			085				694		356		59					15.	232							
			51		0	1	519	36	U4	26	75	0	01490	1 1	51	15	191							
			OBS	060	0	1	519	3 t	U38	26	75					15	191							
			51	D 07n	0	1	298	35	66	26	93	0	01327	6 l	192		131							
			085	070	0		298		659		93						131							
			5 T				038	35			714	0	01110	4 1	314		053							
			085				0.38		307		14						053							
			085				897		149		26						207							
			ST				POR	35			735	0	00301	3 1	+15		982 982							
			08S				809 654	35	085		735 751	0	00730	2 1	496		937							
			085				654		015		151	U	00730	۷ 1	- 70		937							
			ST				538	34			764	0	00595	7 1	563		907							
			085				5 3 8		991		764			•			907							
			ST				478	34			71	0	00529	3 1	519		899							
			085				478	34	986		771						999							
			ST	0 130	0		448	34			774	0	00501	0 1	570		904							
			085				448		984		774						904							
			51				431	34			76	0	00489	6 1	720		913							
			OBS				431		982		776	_	001.72		7.0		913 925							
			ST 085				418 418	34	99 987		778 778	J	00478	0 1	768		925							
			003	120	~	0	-10		, 0 /	2 1						. ~								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

								_			_						-		MAI	_			-					-		
REFERENCE	SHIP	LATITU	IDE	LON	GITUOE	8	NSOEN WARE	1 5	TATIO IGI	MIT M	ŧ	YEAS	CHUIS	ORIGIN E S	TATIO		Ott	0	DEPTH		ELV	TIONS	1 7	NER .	CLOU				NODE MOITATE	
CODE NO.	COOF	•	1/10		1/10	10	1.	M	OA	Y HR,	/10		NO.		ILMU	R	8011	TOM	S"MPL"	'S Out.	HGF	FEB SEA	c	100	TTPE 4	v 1			NUMBER V	
318032	RC	3350	2 N	07	3025w	11			12			1967	A65				460	09		20	4	3	>	K2	0 3)		- 1	0005	
								ATER	-	WIF	10	METI		DST DST	WET	VIL			SPE	ECIAL										
							CDD	E	AN1	DUC I	OICE			BULB	BUL	Coo	OFF	THS	ORSER	VATIONS										
							DT	5	0 2	_	23	13	9 2	216	20	5 5														
	MISSINGI TIMI	CAST	CA	RD.	DEPTH (m)		T 10	Ť	5 *4			4A-7	SPECIF	IC VO10	me	≨ ∆ D		sour	ND	02 =1/1	,	0,	TOTA	L = 9	NO:-N	NO:	-N	5104-5		1
	HR 1/10	ND.	111	PE	DEPTH (m)	1	1 (\$ -4	.	21 G A	WA-1	ANO	W # [Y = E	2'	x 10 ³	^ ·	VELO	CITY	03 41/1		- 61/1	× 9	61/1	µg - 01/		er I	ug = 01/	şN.	č
																	T	-						1						П
	•			T D	0000		2009		658		259		00	2053	0	0000		152												
			08:		0000		2009		658		259		20.	2056	7	0020		152 152												
			08:	10	0010		2009 2009		1658 1658		259		00,	0000	,	J Q Z ()		152 152												
				T D	0020		2010		1659		259	-	00	20598	6	0041		152												
	002		08:		0020		2010	- 7	658		25							152												
				ΤĎ	0030		2009		1659		259		00	2056	9	0061		152												
			08:	5 T D	0030		2009 2010		1659 1660		259		00	2061	7	102		152 152												
			0 B :		0050		2010		1659		250		00.	2001	,	J + U Z		152												
				τO	0075		2010		661		25		00	2063	7	154		152												
			085		0075		2010		660		259							152												
				10	0100		2010		661		259		00	2073	9	3206		152												
			OB:	5 T D	0100		2010 2008		660		259		00	2085	8	3258		152 152												
			089		0125		2008		1659		250		001	2002		, , ,		152												
				TD	0150		1688		1659		262		00	1798	9	0306		152												
			08		0150		1888		1659		262							152												
				TD	0.20		1859		3657		26		0.0	1758	1	3395		152												
			08	S T D	0200		1859 1818		8657 8656		261		00	1689	5	0481		152 152												
			08:		0250		1818		3655		264		00	100,	_	0.01		152												
				TD	0300		1796		053		264		00	1669	9	0565	5	152	31											
			ŲΒ:		7300		1796		8653		26							152												
				T D	0400		1754		3646		26		00	1646	8	0731		152												
			0 B	5 T D	0400		175 4 1699		3647 3639		265		0.0	1615	1	0894		152 152												
			08		0500		1699		3638		260		0.5	1015	•			152												
			OB:		0554		1643		1627		266							152	25											
				TD	0600		159		3011		56.		00	1523	5	1051		152												
			OB:		0600		1559		3611		26				2	. 1 0 6		152												
			0 B	T 0	0700		1351 1351		3577 357e		269		00	1357		1195		151 151												
				TD	0800		1094		3538		27		00	1161	8	1321		150												
			08		0800		1094		1537	7	27							150	74											
				TD.	0900		0861		3512		27:		00	959	0	1427		150												
			0.8		3900		0861		3512		27							150												
			08:	5 T 0	1930		0810 0697		3503 3503		27		00	782	2	1514		149 149												
			08		1000		0697		3503		27		00	1102	-			149												
				TO	1100		0565		4500		27		00	0622	8	1585	5	149	18											
			0.8		1100		0565		100		27							149												
				TO	1200		Ú483		9490		27		00	0535	1	1642		149												
			08	S 10	1200		0483 0477		3498 3503		27		0.0	0508	9	1095		149												
			0 B		1300		0477		3502		27		0.0	0		/ .		149												
				TO	1400		0447		3500		27		00	0494	0	1745	5	149	920											
			08		1400		0447		3500		27							149												
				ΤO	1500		0422		3500		27		0.0	0475	Q	1793		149												
			08	>	1500		(422		3499	* 1	27	/ 6						149	121											

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE	SHIP					MAI	SDEN	STATI	ON TI	ME			ORIGIN			DEPTH	DEPTH	0.00	WAVE	WEA-	CLOUD			ODC	
CODE NO.	CODE	LATITU	1/10	LON	GITUDE SE	100		MO D		9.1/10	YEAR	CAUI		TATION		10 IDITOM	OF		NGT HE SIA	CODE	TIPE AMT			ATION UMBER	
-				-								+	_				3 4.11				0 3			2026	
318032	RC	3329	AN I	072	2355W	116	132 L			137	1967		5 00 I			4956 NO	1	1.19	3 2	X 2	0 3			0006	
							CDLOR	TRANS.	DIR.	SPECO	- BAR		DRY	WET	CODE	DAS. DEPTHS	CHISERY	CIAL /ATIDNS							
							CODE	im)	-	1040	(mb)	1)	BULB	BULB		DEFINS									
							DI	SD	18	525	14	8	221	211			L						_		_
	MESSENGE TIME (CAST	CAI	10	DEPTH (m)	Ι.	2" 1	s	.,		MA-T	SPEC	FIC YOLU	MI \$	A D	501	JND	D-3 m1/1		074L-P	NO2=N	ND1-N	51 0 4 - 51	рн	5
	HR 1/10	T NO.	141	31	DEPIN SMI			'	•••	1 "		ANG	WALT-81	,	103	" VEL	DCITY	0 7	μφ + α1/1	µg = 01/1	µg - al∠l	μg - 81/1	µg - α₹/		c
																				- 1					\Box
	1		5	rp '	0000		066	365		25		00	2195	3 00	000		258								
			OB:		0000		066	365		25			- 1				258								
				T D	0010		064	365		25		0.0	2193	5 00	21		259 259								
			0B	D D	0010		064	365 365		25 25		٥٥	2191	a ni	143		259								
	003		OBS		0020		359	365		25		00	21/1	,	- 7)		259								
			0 B	5	0021	2	034	365	76	25							252								
				T D	0030		032	365		25		00	2125	9 00	65		253								
			OB:		0030		032	365 365		25 25		20	2119	7 0	107		253 257								
			OB:		0050		031	365		25		00	2117	, 0			257								
				T D	0075		026	365		25		00	2120	0 0	160		259								
			OB:	5	0075		026	365		25							259								
			S		0100		011	366		25		00	2075	7 0	413		260								
			06		0100		928	366 366		25 26		0.0	1868	6 n	262		260 241								
			0B:	TD.	0125		928	366		26		00	1000		. 02		241								
				TD.	0150		908	366		26		0.0	1830	9 0	308		240								
			OB:		0150		908	366		26							240								
				T D	0200		877	366		26		0.0	1785	7 0	399		239 239								
			OB:	5 FD	0200		877	365 365		26 26		0.0	1741	n 0	+87		237								
			OB:		0250		844	365		26		00					237								
				TD	0300		811	365		26		0.0	1698	4 0	573		236								
			OB:		0300		811	365		26							236								
			08		0364		792	365		26			1670	1 0	741		241 239								
			08	TD .	0400		768	364		26 26		00	1010	1 0	41		239								
				T D	0500		706	363		26		0.0	1634	5 0	707		236								
			OB:		0500	1	706	363		26	58						236								
				TD	0600		601	361		26		0.0	1573	2 1	167		218								
			OB		0600 9700		601	361 359		26 26		0.0	1463	5 1	ź19		218 183								
			OB:	TD	9700		448	359		26		00	140)	, ,	- 1 7		183								
				T D	0800		195	355		27		0.0	1260	6 1	355		111								
			08		0800		195	355		27							111								
				TD	0900		949	351		27		0.0	1057	8 1	+71		036								
			OB:		0900		1949	351 351		27							036 002								
				5 7 D	1000		733	350		27		0.0	0818	4 1	565		969								
			08		1000		1733	350		27							969								
			OB	S	1017	0	1703	350		27							960								
				TD	1100		1599	350			5.8	0.0	0672	8 1	639		932								
			08	S T O	1100)599)528	350 350		27		0.0	0574	0 1	702		932 920								
			OB		1200)528	350		27		00	0714	U I	. 02		920								
				10	1300		1485	350		27		0.0	0532	4 1	757		919								
			OB		1300		485	350		27							919								
				T D	1400		1449	349		27	75	0.0	0505	2 1	B O 9		921 921								
			OB	5 T D	1400)449)431	34			77	0.0	0491	4 1	859		930								
			OB		1500		431	349		27		- 0	•	-			930								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

ENENCE	SHIP	LATITU	OE	LONGITUDE	NOC II	MARS	DEN	STATION T	IME	YEAR		ONGIH			OEPTH	DEPTN	04	WAVE SERVATE	ONS	WEA	1 8	OUO		1.	NODE
10. NO.	COOF		1/10	7/10	8 8	10		MO OM			NO.		TATION		80110M	OF S'MPL'S		HGT PE				AMI			NUMBER
8032	RC	3310	7N	072059w	П	116	32	12 12 0	71	1967	A65	00	7		5136		18	+-+		×1	_	3			0007
00 12	I ICC I	3310	, , ,	012037#	' '	110	WAT		VINO	1		AIR TE		Τ.	но.	4-4-]	,	1 ^ 1	1 0	, ,		1	000
							COLOR	TRANS OIL	SPEED OIL FOICE	MET	£ .	ORY	WET	COOL		OBSERVA									
							CODE				_	ULB	NUL.	_	53			-							
		_				,	DT	SD 17	528	14	8 2	19	209		لـــــا			Ц.				-			,
	MISSINGS TIME	CAST	CAR		m I	r	₹	5 %.	SIG	MA-T	SPECIFIC	VOLU	<u>بر ا</u>	ΥΗ. Μ ¥ 10 ³	SOL		02 m1/	100		TOTAL-5	NO:		NO3-N	SIOS	
ļ	HB 1/10	1	111/1						!			AL		¥ 10 ³	ASTO	CITY		V4 * 1	•1/1	ν φ - α 1/1	wg -	01/1	yg - al/l	yg + a1/	1
- 1					i			i								1					1	- 1		l	į
			ST				85	3660	25		005	236	1 0	000	152										
			OBS	0000 0000			85	36598 3660	25		003	2344		022	152										
			OBS	0010			84	36601	25		002	234.	• 0	022	152										
			ST				84	3660	25		002	2391	١ ٥	044	152										
	003		QBS	0020			84	36600	25						152										
			ST				84	3660	25		002	241	. 0	067	152										
			QBS ST	0030			77	36603 3660	25°		002	2305		111	152 152										
			OBS	0050			77	36603	25		002	200.	, 0	- 1 1	152										
			ST				71	3660	258		002	2236	0	167	152										
			QBS	00 75			71	36604	258						152										
			51				65	3660	258		002	2221	. 0	223	152										
			OBS OBS	0100			65	36598 36600	258 258						152										
			ST				196	3659	260		002	0621		276	152 152										
			OBS	0125			96	36587	260		002	V 0 E .	. •		152										
			ST				61	3662	26	12	001	962]	. 0	326	152										
			0B5	0150			61	36617	26						152										
			08s	0168			24	36618 36607	26						152										
			ST				79	3660	26:		001	7894		420	152 152										
			OBS	0200			79	36599	26		001				152										
			ST				48	3657	26		001	7555	0	509	152										
			085	0250			48	36566	26						152										
			ST				18	3654	264		001	7213	0	596	152										
			OBS	0300			18	36537 3649	269		0016	6627		765	152 152										
			OBS	0400			67	36495	269		0010	003		.0,	152										
			STI				12	3640	269		0016	6376	0	930	152										
			085	0500			12	36397	269	57					152										
			0B5	0550			71	36297	266						152										
			STI	0600			98	3617	266		001	5729	1	091	152										
			OBS OBS	0645			99	36167 35997	26						152 151										
			085	0665			89	35987	26						151										
			ST				01	3585	268		001	3981	1	239	151										
			OBS	0700			01	35855	26						151										
			OBS	0733			38	35712	268						151										
			STI OBS	0800			44	3543 35427	270		001	2192	1	370	150 150										
			STI				60	35427	27		001	0366	, 1	483	150										
			OBS	0900		0.9		35247	27		1		•		150										
			STI	1000		0.7	54	3507	274		0000	8442	1	577	149	77									
			OBS	1000		07		35067	274						149										
			0B5	1066		06		35006	275		000			667	149										
			OBS	1100		06	16	3504 35045	275		0000	0004		652	149										
			085	1118		05		35002	275						149										
			ST	1200		0.5	27	3500	276	57	0005	5817	1	715	149										
			OBS	1200		0.5		35005	276						149										
			085	1240		04		35009	27		000	6315	. *	771	149										
			OBS	1300 1300		04		3500 34997	271		0009	2345	1	771	149										
			085	1387		04		35006	27						149										
			ST	1400		04	55	3499	271	74	0005	5142	1	823	149										
			OBS	1400		04		34992	277						149										
			511			04		3499	277		0004	922	1	873	149										
			0B5	1500		04	31	34991	277	1.1					149	30									

Œ	SHIP		-T			- =	MARS			TION				ORIGINA	TOR"	5	С	DEFTH	MAX			WAVE	WE		LOUD			NODE
o.	CODE	LATITU	1/10		17UDE	10 N	10.			(GMT	18,1/10	YEAR	CRUISE NO.		A TIO		BO	TO M OTT	0.0			HGT PE	THE	11	CODES H AM			TATION UMREF
3.2	RC	3310	7 N	072	059W		116	32	12	12	102	1967	A65	007	,		5	128		1	9	3 2	X		5 8			0008
-								WA	TEP		WIND	BARG		AIR TEN	PC		T	NO.			Π.							
								COLOP	1 BANS	DIR	SPEED	METE	R	DRY	W E			ORS EPTHS	ORZES	ECIAL VATIOI	2)							
							1			17	528	15	0 2	19	20	9 6	1	0.5			٦							
	MESSENGI TIMB HR 1/10	9 NO.	CAR		OEPTH I	(m)	7	۳	5	٠/	SIG	MA-T		VOLUA ALT-110		₹ △ 5		SOU VELC	IND OCITY	02 *	1/]	PO4	101AL-		07-N	NO3-N #8 - #1	\$104~\$ 10 - gu	
	102	2	0BS		1110)	0.	510	35	U26	27	58						149	937									
			ST	D	1200)	0	555	3.5	Uż	2.7	65	000	6097	,			149	930									
			ST	D	1300)	0	5 Ú 4	3.5		2.7	70	000	5550				149	926									
			ST	D	1400)	0	464	35	0.1	2.7	74	000	5155				149	926									
	107	2	OBS		11438	3	0	452	35	V 0 6	2.7	76						149	927									
			ST	Ð	1500)	0.	444	35	0.2	2.7	78	000	4880				149	935									
			ST	D	1750)	0	414	35	U 5	2.7	8.3	000	4490)			149	965									
	10.	2	0BS		1178	1	0.	411	35	ù52	2.7	84						149	969									
			ST	D	2000)	0	389	35	UZ	27	8.3	000	4593	1			149	396									
	10	2	085		T215	7	0	374	34	399	2.7	8.3						150	16									
			ST		2500			341	34	96	27		000	4698	3			150	061									
	10.	2	085		T 2545	5	0	3 3 7	34	460	2.7	84						150	000									

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

RINCI	SHIP			LONG	55	MA	SDEN	STA	TION 1	IME	78.4				to ars	\Box	DEFTH	MAX.	08	WAVE ERVATION	NS	WEA-	CLOUD			NODC
10. NO.	C001	LATITU	1/10	LONGI	1/10 B		- 1			HR,1/10	."	•	NO.	ST N	ATION]	SOTTON	S.W.br.	1	HG# FEE			TITE AM		Ň	UMBER
8032	RC R	3253	5 N	0713	55W	116	21	12	12	158	19	67	A65	800	1		5176		19	4 2		X1	03			0009
00361		,,,,					WAT	ER		WIND	\Box	RARO		TEM		VIS	NO. 085.	SPE	CIAL							
							COLDS	TEAN!	DIA	1010	. '	(mba			WET	COD	DEFTHS	OBSERV	ATIONS							
							DT	50	18	530	-+	155	23	4	217	7										
	MESSINGE TIME	CAST	CAT		DEPTH (m)	Т	r tc	Τ,	•/	Ť	, MA-	.,	SPECIFIC	VOLUA	, ž	Δ.	50	UND	D2 ml/	104-		101AL-P	ND3-N	ND3-N		рн
	HE 1/10	ND.	111	**		+		-		-					+	103	780	DCITY		yg - 01	-	yg - e1/1	νη - αl/ l	μg - α1/1	μg - α1/1	-
		1	 51	*D	0000	1 :	095	36	65	2 6	78	- 1	0022	234	ا ا	000	15	266		ı	1		1		1	1
			089		0000		095		651		78						15	266								
			51		0010		094	36			78		0022	299	0	22		267								
			DB9		0010		094		643		78					·		267								
			51		0020		2092		63		78		0022	3/3	5 0) 4 4		268 268								
	003		OB:		0020		2092		632 61		578 578		0022	330		067		268								
			089	T D	0030		2084		614		78		0022	,,,,	, ,	0 1		268								
			5		0050		079		61		0.8		0022	269	9 0	111		270								
			QB:		0050		2079		615	25	0.86							270								
			S.	TD	0075		20.79		62		0.6		0022	355	0	167		274								
			089		0075		2079		616		086		0000			122		274								
				TD	0100		2068		61		883		0022	193	, 0	223		275								
			DB:		0100		8609		613		583 522		0018	566		273		241								
			0B:	T D	0125		1928 1928		636		522		Dote	200	3 0	211		241								
				T D	0150		1889		61		530		0017	890	0	319		234								
			DB:		0150		1889		609		530							234								
				TD	0200		1847		57		638		0017	30.	7 0	407		230								
			08		0200		1847		573		538							230								
				TO	0250		1819		55		643		0016	959	<i>•</i> 0	493		230								
			QB:		0250		1819 1796		1552 154		643 648		0016	400		577		231								
			OB:	1D	0300		1796		536		648		0010	0,,		- , ,		231								
				1D	0400		1751		47		654		0016	42	1 0	742		234								
			08		0400		1751	-	472		654						15	234								
				T D	0500		1694	36	37		659		0016	174	4 0	405		5232								
			08	S	0500		1694		367		659							232								
			QВ		0520		1665		308		662							5226								
			DB		0550		1640		259		664		0015	20	4 1	062		5223 5194								
				TD	0600		1529 1529		503 5027		672 672		001:	201	0 1	002		5194								
			DB	5 TD	D6DD D7D0		1321		72		693		001	328	6 1	۵۰ د		5140								
			QB		0700		1321	-	722		693							5140								
				TD	0800		1118		45		711		001	156	5 1	320	9 1	5083								
			DB		0800		1118	35	5446		711							5083								
			S	TD	0900		J917		20		727		000	996	8 1	43		5024								
			08		0900		0917		199		721					15 21		5024 4961								
				TD	1000		0712		508		749		000	101	r 1	52		4961								
			08		1000		D712 D619		5082 506		760		000	5 F	2 1	59		4941								
			06	TD.	1100		0619		5062		760		000	0				4941								
				TD	1200		0552		506		768		000	579	7 1	65		4930								
			08		1200		0552		5056		768							4930								
			5	TD	1300		0507		505		77		000	529	3	71		4929								
			08		1300		0507		5059		77					7.		4929								
				TD.	1400		0468		503		776		000	000	8	76		4929 4929								
			DB		1400		0468		503! 503		776		000	. 80	1	81		4929								
			5	STD	1500		0447		503 502		771		000	.04	*	1		4937								

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

REFERENCE				1	- 441	ISDEN	STATION	flass			DaiGin	Z*\$01A		DEPTH	, M			WAVE	WEA-	CLOUD		-		
CTST 10.	CODE	LATITU	301	LONGITUDE	301	JAPE	IGMI	1	YEAR	CRU	ISE	STATION		10	100	PTH DF	085	ERVATIONS	THER	CDDIS		5	NOUC .	
CODE NO.		<u>. </u>	1/10	1/10	10"	11.	MD DAY	HR 1/10	1	N/	0.	NUMBER	-	10110	M 2'M	br.2	Dist	HGT PER 514	CODE	TYPE A IA I	-	,	UMBER	
318032	RC	3232	3 N.	71061w	116		12 12	195	1967	7 A6				519	4		19	3 3	X1	0 3			0010	
						WA	_	WIND	- 141			MP C	V15	NO.		SPECIA								
						CODE	TRANS DIR	. 0			DRY	WET	cop	OBS. DEPTH	S Des	ERVAT	2 MOU							
						DT	50 21	+		9	232	219	$\overline{}$	1	+									
	41559mC4				T		1	1		т '		٠,	_					T					Τ	D
	MESSENGE TIME	NO.	CARD	GEPTH (m	۱ ۱	7 7	\$ %.	\$10	5MA-1	AN	IFIC VOLU	ie, c	1 103	· VE	LOCITY	, 0	2 m1/1		074 L-P	ND2-N 49 - 81/1	NO3-N	21 Cla - S1	ρН	ć
	HR 1/10		_	+	-		-	+		+		+	2 .0	+		+		+			-		+	H
			Ι 5.Τί	0000	١,	101	3664	1 2 1	576	1	2245	1 0	000	. 1	5268				J	- 1				i
			085	0000		101	36642		576	00	(224)		000		5266									
			5 T (100	3664		576	0.0	2246	2 0	U22		5269									
			085	0010		100	36642	2 !	576					1 5	5269	9								
			ST	0020	2	099	3664	2 5	76	0.0	2248	2 0	044	1:	5270)								
	002		085	0020		099	36642		576						5270									
			ST			099	3664		76	0.0	2252	0 0	067		5274									
			085	0030		099	36642		76						5272									
			510			794	3664		76	0.0	2259	6 0	112		5275									
			085	0050		099	36642		76 77	0.0	224.7		169		5275 5279									
			510 085	2075		097	3664 36637		577	00	2267	<i>y</i>	107		52 7 9									
			085	3099		097	36635		576						5283									
			STO			378	3663		81	0.0	2231	3 0	225		5278									
			085	0100		0.78	36632		81			-			5278									
			SIC	0125	1	928	3660	21	519	0.0	1884	7 0	276	1 :	5241	i								
			085	0125		928	36597		19						5241									
			STO			897	3659		526	0.0	1824	4 0	323		5236									
			085	0150		897	36587		26	0.0	1766				5236									
			\$10 085	0200		857 857	3657 36572		35	00	1755	4 0	412		5233 5233									
			STE			829	3655		540 540	an	1723	3 0	499		5233									
			085	0250		829	36547		40	00	1.25	, ,	.,,		5233									
			STO			804	3653		45	00	1691	8 0	585		5234									
			085	0300	1	804	36531	26	45						5234									
			510			759	3648		52	00	1057	8 0	752		5236									
			085	0400		759	36477		5.5.2						236									
			STO			704	3638		58	0.0	1629	8 0	916		5235									
			085	0500		704	36382		58	0.0	1547	2 1	J 75		5235 5206									
			STO	0600		564 564	36097		69	00	1347	<i>3</i> 1	013		200									
			STO			369	3576		85	0.0	1401	4 1	423		5156									
			085	0700		369	35757		85			1			5156									
			STO			033	3538		709	0.0	1169	7 1	351		5076									
			085	0800	1	099	35379	2.7	709					1 5	5076									
			STO			862	3515		731	0.0	0942	3 1	457		5003									
			085	0900		862	35147		731		_				5003									
			STO			687	3504		149	0.0	0758	8 1	>42		951									
			085	1000		687 577	35043 3503		749 763	0.0	0619	₄ 1	611		4951 4924									
			ST0	1100		577	35032		763	00	0014	0 1	011		924									
			510			489	3500		771	0.0	0529	7 1	668		1904									
			085	1200		489	35005		771			•			904									
			STO			447	3500		775	00	0490	1 1	719		903									
			085	1300	0	447	34997	2.7	775						903	1								
			STO	1400		418	3498		778	0.0	0471	5 1	767		908									
			085	1400		418	34483		7.8						908									
			STD	1500		338	3498		79	0.0	0458	7 1	814		916									
			OBS	1500	0	398	34977	2 7	79					1 4	916	,								

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Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

ID.	SNIP CDDE	LATITU		ONGITUDE	20 20	RSDEN UARE	STATION IGM1		TEAR	Cauise NO.	1	ATOR'S TATION	-	DEPTH TO BOTTON	OF	085	WAVE ERVATIONS	0.00	CODES			NODC STATIO
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Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

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Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

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REFERENCE	SHIP	Т	LATITU	DE	LON	GITUDE 2	SOU	ARE	STA	TION T	IM E	TEAL		ORI	GINA	TO#'S ATION	_	DEFT	> I	MAX. DEPTH	085	WAVE ERVATIO	ns.	WEA	CO	DES			NOE	ON 1
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318032	p.c		3154	5 N	06	8562W	115	18	2	13 0	93	196	7	A65 (12			510	3		23	2 2	ļ	×1	10	3			00	14
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								COLOR	TRAN!	OR.	5 PE E E		ETER Imbal	DIT		WET BULD	COO	DEPT	HS (OBSERV	ATIONS									
								ОТ	5 D	25	512		218	220	5	219		T	\neg											
	M1330	464		CA						1	1		Ť.	MCMC A	_	. 1	A O	Τ	sour	NO.		104	.,	10144-6	NO,	-N	NO3-N	\$104-	5.	
	MISSE TIM HR 1,		NO.	Tr	76	OEPTH IMI	'	Ε.	1 5	٠/٠٠	\$10	M A -1		ANOMAL		` °	1N M	١ ٧	/ELO		03 mi/I	20 . 0		M8 - 81/3			⊌g - ∉1/I	¥2 - 01		рМ
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					T D	0010		174		52		646		0025	328	0	0 2 5		152 152											
				08	S TO	0010		174 174	36	516		546		0025	366		v 5 0		152											
	0	0 2		08		0020		174		516		346		002.				1	152	68										
	-	-		S	10	0030	2	175		52		546		0025	432	0	076		152											
				08		0030		175		515		46		0035			127		152											
					10	0050		172		51 515		547		0025	437	0	127		152 152											
				08	5 TO	0050 0075		172 169		515 52		548		0025	433		190		152											
				08		0075		169		517		54P						1	152	96										
					TΟ	0100		161		54		551		0025	184	. 0	253		152											
				08		0100		161		536		551		0021	204		311		152 152											
				S 08	10	0125		031 031		62 618		593		0021	296		211		152											
					10	0150		959		59		510		0019	748	0	363		152											
				08		0150		959	36	592	26	510							152											
				08	S	0175		912		585		522							152											
					TO	0200		898		59 587		526 526		0018	450	0	458		152 152											
				08	S TO	0200		898 872		57		531		0018	078		550		152											
				08		0250		872		575		631							152	45										
				5	Tρ	0300	1	839	36	55		638		0017	636	0	1639		152											
				08		0300		839		549		638		0011					152											
					10	0400		7 7 9 779		50 502		649 649		0015	004	′ -	1011		152 152											
				08	5 TD	0400 0500		741		43		553		0016	811		98		152											
				08		0503		741		432		653							152											
					TΩ	0600	1	667		28		659		0010	510	1	146		152											
				08		0600		667		278		659				,	3.0		152											
					TD.	0700 3700		468 468		93		677 677		0014	0.41		30:		151 151											
				08	10	3800		294		64		692		0013	613	1	446		151											
				08		0800		294	-	637		692							151	146										
				5	TD	0900	1	073	3 5	33	2	710		0011	809)	573		15											
				08		0900		0.73		328		710		0003	700		681		150 150											
				S 08	10	1000		853		10		7 29 729		0009	105	, ,	95		150											
				08		1022		799		U82		736								998										
				08		1035		1799		075		735							150											
					TD	1100		054		Q0		750		0007	571	. 1	768		149											
				08		1100		1654		998		750							149	923										
				0.8	IS ITD	1168 1200		1549		977 98		762 764		0006	15	1 1	636			923										
				08		1200		1536		977		764		5000	, , ,					923										
				08		1261		1507	34	997	2	769							140											
				0.8	S	1270		1508		799		769							149											
					TD	1300		478		98 979		771		0005	44.	•	614			916 916										
				0.8	STD.	1300)4/8)454		99		774		0005	130		14			923										
				08		1470		454		992		774								923										
					CT	1500		427		9.8		777		0004	926		1991			928										
				0.8	5	1500	(427	3 0	994	. 2	777							14	928										

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

											_					_											_
CITY IO.	SHIP	LATITU	OE	LONGITUDE	2	MAR	SDEN	A72	TION	TIME	TEA		CRUISE		ATOR'S	_	OEPT	o ا	AAX. EPTH	081	WAVE SERVATIONS	WEA	. CLOUD			NOO	IC.
COOL NO.	C001	•	1/10	1/1		10*	1*	MO	DAY	HR.1/10		Ī	NO.	,	UMBER		80110		OF MPL'S		HG 11 SI	- con	17PT A.M			NUM	
318032	RC	3154	ON	067456W		115	17	12	13	148	196	57	A65	01:	3		493	в		26	2 3	X1	0 3			0.0	15
							WA	TER	II.	MIND	\neg .	A RO	All	TEA	AP T	-Turk	NO.	T	SPEC	IAI					,		- '
							COLON	TRAN	S OR	5Pt 6		A E T E B (mbs)	DR UU		WET	coo	280 17430			TONS							
							DT	SD	01	507		261	21	4	197	9	+	+									
	MISSING!					_	1 0 .	1	0 2	1				_		_	٠.				_				_	- ₁	- 1
	MISSINGE TIME	M NO.	CAR	E DEPTH	(m)	1	₹	1	٠/	\$10	MA-	7	SMCIFIC 1	/OLU:	ة ا ^ر ة	A 0	· 🔻	OUND		02 m1/1	PO4=P	701A (-1		NO3-N	51 Oa-		PH C
	H# 1/10	 	_			+		+		+		+			-	. 10	+		-		+		1	-	-	-	-
	l	' '	51	oco ' a	0	1 2	123	36	52	25	61	1	0023	893	3 0	000	1	527.	2 1		1		1	l	1	ŀ	11
			085				123		523		61							527									
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			0BS				118	36 36	523		62		0000	016		17.9		527.									
	002		085				118 118		526		62		0023	010	, 0	J 4 7		527: 527:									
	002		ST				115	36			63		0023	762	0	071		527									
			085				115		527		63							527									
			ST				109	36			64		0023	74	7 0	118		5271									
			085 5 T				109 102	36	518 54		64		0023	5.25		178		5271 5271									
			085				102		537		68		0015		, ,			527									
			ST				051	36			86		0021	830	0	234		527									
			085				051		602		86							527									
			085				991 991	36	60 598		02		0020	421	1 0	287		5251 5251									
			ST				948 948	36			13		0019	436	3 0	3 3 7		5251									
			085				948		597		13							5251									
			51				889		59		2.8		0018	413	3 0	+31		524.									
			085				880		589		28		00.7					524.									
			085				861 861	36	564 564		34		0017	848	3 0	521		524. 524.									
			ST				829	36			40		0017	434	. 0	509		524									
			085				929		543		40						1	524	1								
			ST				770		49		50		0016	765	0	780		524									
			08S				770 737	36	487		50		0014	76.		948		5241									
			085				737		427		54		0016	154	• 0	740		524) 524)									
			085				705		363		57							524									
			5.7				639	36			63		0016	390) 1	112		523									
			085				539		247		63		00.					523									
			085				421 421	35	857.		82		0014	38	- I	265		517. 517.									
			51				169	35			104		0012	318	3 1	398		510									
			085				169		475		04							510									
			ST				908	35			23		0010	259	5 1	511		502									
			08S				908 567		134		23		0007	-04	. 1	000		502) 494.									
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			085				520		997		155							492									
			ST	D 110	0	0	587	35			159		0006	530	1	b71		492									
			085				587		006		5 +							492									
			OBS				520 506	35 35	003		69		0005	561	ą 1	712		490 491									
			085				506		997		69		0000	.0	. 1	1 - 2		491									
			ST				460	34	98		73		0005	178	9 1	785		490									
			085				460		983		7.3							490									
			085				445 445	35	00 ବ୍ରହ		76		000+	46	1	83E		491 491									
			ST				433	35			7.8		000-	d 3 ·	3 1	3 8 5		491. 493									
			085				433		J07		7.9							93									

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

0.	SHIP	LATITU	DE LO	NGITU OE	MAR	ARE .	STA1	ION TIA	ME .	YEAR	CRUISE	_	ATOR'S TATION		08P1H 10	DEPTH OF	00	WAVE SERVATIONS	WEA-	Crong			HOOD
4	CODE	•	1/10	1/10	10"	- 1	MO (DAY HE			HO.		U M 8 E B	\rightarrow	#OTTO#	S'MPL"	DIR	HGT FEE SEA	CODE	17Ft & 44	1	- ! '	4UMBE
2	RC	3154	5N 06	6336w	115	16				967	A65	01		\perp	4707	1	34	1 3	×1	013	}	-	001
						COLOR	TER TEAMS		SMID	BA BO		RY TEA	AP. T	VIL	NO. 015.		CIAL						
						CODE	(A)	-	FORCE	(mba)	•	JLB	BULL	+-	DEPTHS	0							
_						DT	5 D	35	502	251	20	0.3	188	8	Ц	<u>l</u> ,		, ,				r —	_
	MESSENGE TIME 0 HR 1/10	CAST NO.	CARD	DEPTH (m)	,	τ	3	٠/	SIGM	A =1	MCIFIC	VOLU ALT-11	M.E. D	∆ D YN. N ± 10 ³	VEI.	OCHT	02 ml/	PO4=P HE = 81/1	101AL-F	NO3=H ug - al/l	NO3-N 28 - 01/1	\$1 O4=\$ #9 - 01/	
ſ					1		Ι.,		1	_					,,	200				l	l	ļ	
			STD	0000		186	365		254		002	254.	3 ()	000		288							
			085 5TD	0000		186 185	365		254		002	554	5 0	025		290							
			085	0010		185	365		254		0					290							
			STD	0020		179	369	5.3	254	6	002	540	3 0	051		290							
	003		085	0020		179	36		254							290							
			510	0030		179	365		254		002	541	4 0	076		292							
			085	0030	_	179	365		254		000	E / O	, ,	127		292							
			510	0050		177	365		254		002	549	1 0	121		294							
			085 5 1 0	0050		177 174	365		254		002	542	4 0	191		298							
			085	0075		174	369		254		002	, , ,	•			298							
			OBS	0085		173	365	538	254	В						299							
			510	0100	2	995	36	55	256		002	346	5 0	252		282							
			085	0100		099		547	256				_			282							
			510	0125		949	36		261		001	951	9 0	305		246							
			085	0125		949	36		261		001	061	7 0	353		239							
			085	0150		90B 90B		587	262 262		001	0 / 1	, ,	,,,		239							
			STD	0500		867	36		263		001	777	3 0	444		236							
			085	0200		867		575	263						15	236							
			510	0250		841	36		263	17	001	749	9 0	532		236							
			085	0250		841		550	263							236							
			510	0300		812	36		264		001	710	2 0	618		236							
			OBS	0300		812 777	36	532	264 265		001	6 H 1	4 0	788		242							
			5TD 0BS	0400 0400		777		503	265		001	017 1	• •			242							
			510	0500		749	36		265		001	683	4 0	75e		250							
			085	0500		749		455	265	3					15	250							
			STD	0600	1	702	36	37	265		001	667	6 l	124		251							
			065	0600	_	7 Ū Z	_	369	265							251							
			510	0700		562	36		267		001	567	1 1	. 8		223							
			085	0700		565		115	267							5223 5208							
			085	0741		358	35	997	267 268		001	405	9 1	434		5169							
			510 085	0800		358		757	268		001					169							
			510	0900		065	35		271		001	177	8 1	56	3 15	5079							
			085	0900		065	35	312	271	0					15	5079							
			SID	1000		764	35		274		000	8 F 3	1 1	665		981							
			085	1000		764		062	274					7.		981							
			STD	1100		620	35		275		000	663	в 1	742		•941 •°41							
			085	1100		620	35 35	056	275		000	570	3 1	804		921							
			ST0 085	1200		1531		ŭlo.	276		000	2 . 4	- 1	50.		921							
			STD	1300		486	35		271		000	527	5 1	659		920							
			085	1300		486		017	277					÷		920							
			5TD	1400	0	468	35		277		000	510	5 1	911		929							
			DBS	1400		468		022	277							929							
			510	1500 1500		0430 0430	34	99 987	271		000	444	o 1	96		4930 4930							

Table IX. Observed and interpolated oceanographic data taken by USCGC ROCKAWAY, 12–14 December 1967, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8032.—Continued

ENCE	SHIP	LATIT	turor I	1000	,,,, l=	5	MARSI	DEN	STAT	ION T	ME		_	DRIGIN			OEPI	IH C	MAK.		WAVE	E.	WEA	- CLOU	D O		NF	200
NO.	CODE	LATIT	1/10	LONGIT	1/10 E	2	10"	- 1			# ₁ 1/10	TEAR	CRUISE NO.		DITATE	,	10110	2	OF MPL'S				THER	COD	5		STA	DDC TION MEE
-			_			+	-			_	-	-	1	_		4	-	٠,	MPL'S			18 264		7191 4				_
032	I RC I	315	54N	0652	47W	1	15	15 WAT		4 0	35 NO	1967		01		_	470		1	23	2 2	1	×1	0 3	3 /		0	01
							- 1	OLOR		_	SPEED	SAR!	D	ORY CE	WET	vis		: L.	SPECI	AL								
								COOL	FEANS.	OR.	1010	(mb)		ULB	BULI	Coo	DEPT	HS DI	ISERVA	TONS								
								DT	50	26	508	24	4 2	12	180	7	T	\top										
	MESSENG	CASI	CAL	10	EPTH im						T		SPECIEN	VOLU		¥ △ □	, T	SOUNG	. T		10.			T		1		
	TIM1 HR 1/10	NO.	141	- D	EFTH (m)	١.	T	τ	,	٠/٠.	SIG	MA-1	ANOM	ALT-11	i ²	2 103	* v	ELOC!	TY C	2 m1/1	Hg.		1074 L=F #9 - e1/?	NO ₂ -N	NO ₃ =1	1 NB -		pН
															+				_	_	-				+	+		_
		'	51	0 6	0000		21	9.8	365	4	25	41	002	577	9 1	000	, ,	529	2!		i	- 1			1		- 1	
			089	. (0000		21		365		25							529										
			51		010		21		365		25		002	581	8 (1025		529										
			089		0010		21		365		25							529										
	003		51 085		0020		21		365 365		25		002	5884	4 (051		529										
			51		06.00		21		365		25		002	592	3 (077		529 529										
			085		0030		21	99	365		25					- , .		529										
			5.1		0050		21		365		25		002	5946	- C	129	1	530	0									
			085		0050		21		365		25							530										
			5 T 0 B S		0075		21		365 365		25		002	969	<i>y</i> (194		530 530										
			085		0075		21		365		25							530 530										
			ST	D 0	100		21		365		25		002	5584	• 0	258		530										
			085		100		21		365		254							530										
			085		107		21		365		25							530										
			0BS		110		20		364		25		000			n		527										
			085		125		20		366 366		259		002	1824	• 0	316		526 526										
			51		150		19		366		26		001	9129	9 0	366		5241										
			085	0	150		19	39	366		26					- 00		5241										
			ST		1200		18		365		26		0018	3066	0	459	15	5241	0									
			085		200		18		365		26							5241										
			5.T 0.B.S		250		18		365 365		26		001	1627	7 0	548		5231										
			51		300		18		365		264		001	7136	8 0	635		5231 5231										
			085		300		18		365		264		001		, ,	0,5,5		5236										
			ST		400		176	59	364	8	265		0016	809	0	805		523										
			085		400		17		364		265							5239										
			51		500		17		364		265		0016	5749	0	973		5244										
			085 085		1500 1550		17:		364 363		265							5244										
			ST		600		16		362		266		0016	5416	, 1	139		5245 5238										
			085		600		16		362		266		001	, , , ,	•	• , ,		5238										
			085		650		15		361		266	5						522										
			51		700		144		359		267		0015	053	1	496		5196										
			085 085		700		144		359 357		267							5196										
			51		800		12		357 355		268		0012	701		435		5170 5121										
			085		800		12		355		269		0012			+))		512										
			085		840		10		353	61	271							5075										
			51		900		094		352		272		0010	302	1	551		5034										
			085		900		094		352		272							5034										
			0BS		950		086		351		273							5012										
			085		000		074		350 350		274		0008	3591	1	645		975										
			085		032		06		349		274							950										
			ST		100		059		350		275		0006	054	1	721		4930										
			085		100		059		350		275						14	930										
			085		170		050		349		276							905										
			ST! DBS		200		049		349 349		276		0005	687	1	783		908										
			511		300		046		350		276		0005	205	,	830		908										
			085		300		046		3501 3501		277	2	0005	245	1	888		918										
			ST		400		045		350		277	6	0004	979	1	889		922										
			085		400		045		350		277	6						922										
			STI		500		043		350		277	7	0004	931	1	939	14	932	2									
			085	1	500		043	6	349	39	277	7					14	932	2									

FERENCE	SHIP	LATITU	o	ONGITUDE \$5	MARSOEN	STATIO	DH TI		EAB	DRIGIN	_	_	DEPTH	Utri	N nas	WAVE	WEA-	CLOUD		1 .	SGOP TATION
1D. HO.	CDOE		1/10	1/10		MO D					MUM		101104	A S'MPL		HGT FEE SE					UMBER
18032	RC	3155	3N 0	65254W			4 0		967	A65 01			4707		23	2 2	×1	8 1			0018
					WAT		*	SPEED	SARC			VIC.	NO. OBS.		ECIAL						
					1000	I BANS	DIR.	PORCE	METE		au.	LE COOL	DEFTH	DRSER	VATIONS						
							26	508	24	4 212	1	30 7									
	MESSENGE TIME NR 1/10	및 NO.	CA1D 119E	DEPTH Imi	7.7	5 .	٠	SIGMA	-1	SMCIFIC VOLU		¥ ∆ 0		OND OCITY	02 41/1	PO 4=9	101AL-P		NO3=N yg - 81/l	51 O4-5+ ug - at/1	pН
													1								
	041	l	DBS	T1261	0511	350		277						922							
			510		0501	350		277		000540				924							
			STD		0477	35 U		277		000522				931							
			STD		0455	350		277		000506				939							
			STO		0409	350		278		000477	5			962							
	041	L	085	1757	0408	350		278						962							
			STO	2000	0379	349		278		000463	9			991							
	041	l	085	T2243	0360	349		278						024							
			SID		0357	349		278		000492	9			067							
	041	t	085	2712	0355	349		278						102							
			STO		0352	349		278		000543	3			150							
	041	1	085	T3163	0263	349		278					15	141							
	0.41		085	36200	0226	349	23	279	1												

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.

REFEREN	CE Taux					STATION TI		ORIGINA	TO R'S	OEPTN	MAI		WAVE	WE.				NODC
	D. CODE	LATITUD		ONGITUDE BY		(GMTI	12 AB		ATION	10 10110M	OEPTH		ERVATIONS	THE	CODES			TATION
OUE N	10.		1/10	1/10	10* 1*	MO OAY H	L1710	NO. N	JAMBER	******	S'MPL"		HGT PIP 3	14 000	TYPE A W	T		TO MOLE
3112	62 ME	31545	N O	65252w		05 07 0				4847	15	02		2 X	8 6 8			0019
					WA		MED MAT		VIS			CIAL						
					COLOR	TRANS DIR.	OI (mb		WET COD	DEPTHS	085287	A TIONS						
						103	.0101		300 6	1.6	_							
						02	511 21	3 200	200 5	14		-				,	-	т
	MESSENGI TIME	CAST	CARD	DEPTH (m)	1 15	5 */	SIGMA-T	ANOMALT-118		SOL	JNO	O2 m1/f	PO4=P	10141-		NO3-N	\$1 Oa - \$	
	H# 1/10		1172						g 10 ³	VILL	Jeni		+ p + 61/I	## # #1	7 vy - at/1	νg - 01/1	μg - 01/	
										i								
			510		2014	3656	2593	0020822	0000		243							
	09	8	085	0000	2014	36558	2593				243							
			510		2011	3662	2598	0020340			245							
			STD		2008	3666	2602	0020017	0041		246							
	091	8	085	0025	2007	36679	2604				247							
			510		2000	3668	2606	0019697			246							
			510		1971	3669	2614	0018998	0099		241							
	091	8	085	0051	1970	36686	2614				241							
			STD		1935	3666	2622	0018351	0146		235							
	09	8	085	0076	1934	36663	2622		0101		235							
			STO		1904	3663	2627	0017923	0191		230							
	09	8	085	0101	1903	36628	2627		0.334		230							
			STO		1862	3659	2635	0017255			222 217							
	0.0		510		1832	3656	2640	0016886	0276									
	098	9	085	0152	1830	36553 3653	2640	0016717	0362		217 219							
	0.0		510	0200	1811	36533	2644 2644	0016717	0364		219							
	091	5	085		1810	3650		0014990	0446		224							
			510		1800 1783	3646	2644 2645	0016880			227							
			510		1724	3639	2654	0016364			225							
	09		085	10403	1722	36390	2654	0010364	009		225							
	071	-	STO		1636	3623	2663	0015825	0858		213							
	091		085	0505	1630	36216	2663	0013023	000		212							
	091	,	510		1475	3594	2677	0014654	1010		176							
	09	A .	085	10606	1464	35919	2678	001-03-	-0.1		173							
	0 +1		510		1230	3555	2698	0012709	114		107							
			510		1005	3527	2717	0010780			041							
	091	A	085	0810	0984	35251	2719		0		034							
	0 /	•	510		0789	3515	2743	0008219	1359		975							
			510		0631	3508	2760	0006486			929							
	09	9	085	T1007	0622	35071	2760				927							
		-	510		0582	3504	2763	0006211	1496	14	926							
			510		0541	3502	2766	0005904	155	7 14	926							
	09	В	085	1265	0515	35010	2769			14	926							
			510	1300	0502	3501	2770	0005573	1614	4 14	926							
			510	1400	0464	3500	2774	0005211	1668	3 14	927							
			510	1500	0429	3499	2777	0004894	1719	14	929							
	09	А	085	T1516	0424	34991	2777			14	930							

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE	Chair	LATITUDE	Τ,	NGITUDE TO	MARSDEN	STATION	TIME	YEAR			NATOR		DEPTH	MAX. DEPTH		WAVE SERVATION		EA-	CLDUD			NDDC STATION
C008 NO	_	. 1/	10	****	10" 1"	MD DAY		1		UISE IO.	NUME	EN IEN	MOTTOM	OF S'MPL'S		HOT HE		DE -	CODES			HUMBER
31126	21 ME	31520N	106	6348W	W	05 07	142 WIND	1968		66 0C	D2		4755 ND.	16	31	1 2	l x	11	8 2	-		0020
					COLO	TRANS DI	R. OR	ME	TER	DIN	WE	CODE		SPEC Daseava	TONS							
						34	_		0	194	17	_	14									
	MESSENG TIME HE 1/10		TYPE	DEPTH (m)	1.5	s *4.	SIC	I-AM	SPE AN	CIPC VOL	UMP	TAL D	SOU		02 ml/1	PO4=P	TOTAL		NO2-N	но ₃ -н	SI 04-S	
	710	-			+	+	_		+		-+	1 103	+	-		49 - 41/1	29.0	7	rg = 01/1	NB - 0(/)	yg - e1/1	-
	142		5 T O B S	0000	2003	3658 3657		97	00	02040	6	0000	152			1	ı	1		- 1		1
	174		5 T 0	0010	1999	3657	25	98		2039		0020	152									
	142		5 T D 8 S	0020 0026	1995 1993	3657 36569		99	00	2033	7	0041	152									
			STO	0030	1979	3658	26	04		1989		0061	152	39								
	142	2 0	STD BS	0050 0051	1924 1922	3660 3660	26	20	00	01845	1	0099	152									
	142		STD BS	0075 0077	1898 1896	3660 36601		27	00	1789	5	0145	152 152									
	142		STO BS	0100	1868	3655	26	31	00	1759	4	0189	152	19								
	142		S.T.D	0102 0125	1866 1845	36550 3655	26	31		1715		0232	152 152									
	142		5 T O B S	0150 0153	1829 1827	3655 36546		40	00	1685	8	0275	152 152									
	142		570 85	0200 10205	1814 1812	3654 36542	26	43	00	1673	1	0359	152	20								
	142		510	0250	1811	3650	26	41		1711		0444	152 152									
			5TD	0300 0400	1795 1719	3646 3637	26 26	42 54)1722)1639		0529 0697	152 152									
	142		35 5 T O	T0409 0500	1709 1582	36363 3608		56		1569		0858	152	22								
	142	0.0	3.5	0513	1560	36038	26	65					151	90								
	142	0.0		0600 T0620	1388	3578 35722		83 88	00	1396	8	1006	151 151									
			STO STO	0700 0800	1124 0894	3544 3518		09 29		1148		1133 1239	150 149									
	142	06	3.5	0833	0829	35120	2.7	34					149	79								
			TD.	0900 1000	0722 0595	3507 3502	27 27			00776		1325 1396	149									
	142		35 5 10	T1048 1100	0547 0522	35003 3500	27 27		0.0	0567	6	1456	149									
		5	T0	1200	0480	3499	27	71	0.0	0528	0	1511	149	00								
	142	0.6	3.5	1300	0447	3498 34982		75	00	0499	0	1562	149									
			70 70	1400 1500	0423	3498 3497	27 27			10480 10478		1611 1659	149									
	142	0.6	35	T1597	0403	34968	27	78					149	35								
REFERENCE CTRY ID. COOR NO.	SHIP	LATITUDE		MOCIA SOUTH	MARSDEN	STATION T	IME	TEAR	CIUIS	DRIGINA E ST	TOR'S			MAE DEPTH OF	W W	AVE VATIONS	WEA		CODES		NI STA	ODC
311262	ME :	1/10 31532N		1710		MD DAY H		24.0	NO	_	UMBER	-+-		MPL'S		G 1918 38.4		+	I a w i		-	MILE
311202		117721	067	431#1 I	115 17	ER V	VIND SPEED	SARO.	. _	6 003	2 4		030 NO OBS	SPECIA		12	X1	1 8	3 1		0	0021
					CODE	TRANS CIR.	10401	ME1ER (mbe)	_	DAT	M E1	CODE	EPIHS O	ISERVA TI	ON S							
	MESSENGE					36	521	247			156	-	14	-	Ц,	-		_				
	MESSENGE TIME of HR 1/10	NO TY		DEPTH (m)	1 %	5 %.	SIGM	A = 1		MALT-IIA	; 8	1N D 1 103	VELOCI		m1/(1014 L=P				0 - 01 I	aN C
				-				_ [_					
	154	0.89		0000	1996 1996	3656 36559	259 259	6		20360		000	1523	9								
		5	10 10	0010	1995 1993	3656 3656	259 259			20376 20395		020	1524									
	154	085	5 F O	0022	1993 1972	36555 3659	259 260	8		19644		061	1524	1								
	154	○ 6 :	5	0044	1942	36619	261	7					1523	2								
	154	0.83	5	0050 0070	1936 1912	3651 36584	261 262	2		8676		099	1523 1522									
	154	085	5	0075 0088	1903 1884	3658 36579	262 262		001	8170	0	145	1522	-								
		51 51	0 T D	0100	1871 1851	3658 3657	263 263	2		7500 7126			1522	0								
	154	085	5	0132	1847	36573 3657	263	8					1521	9								
	154	089	5	0150 10172	1842 1836	36566	263 264	0		7026		476	1522									
		51 51		0200	1828	3656 3654	264 264	1		6936 6775		61	1522 1522	4								
	154	51 085	0	0300 T0334	1 81 1759	3650	264	8		6592			1522	7								
		5.1	D	0400	1741	36455 3641	265 265	1	001	6633	06	594	1522 1523	0								
	154 154	089 089		0412	1695 1557	36329 36094	265 267	0					1521 1517									
		51 51	0	0500 0600	1449 1267	3590 3562	267 269	9		4095 2672			1515	1								
	154	089		0675	1122	35430	270	9					1510 1506	4								
		5 T 5 T	D	0700	1056 (1828	3536 3514	271 273			0817 6738			1504 1497									
	154	085	. 1	0900	0693 0670	35027 3503	274 275	7		7307			1493 1492	3								
		ST	0	1000	0581	3502	276	1 (000	6213	13	45	1490	8								
	154	ST 085		1100	0513 0492	3501 35012	276 277	2		5443			1489 1489									
		5.T 5.T		1200		3501 3500	277 277	3 (5114 4992			1490)								
	154	5.T 0.B.S	D	1400	0433	3500	277	7 (4791		55	1491	4								
	4.25	0.62		1413	0430	35000	277	5					1491	,								

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8-10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

ERENCE	3817	LATTU	DE	LONGITUDE	MAE	SDEN IARE	STAT	ON TI	ME	TEAR	COU	ORIGIA			4	HT930	DEPTH	045	WAV	TIONS	WEA		DUD			NDDC TATION
NO.	COOL	•	1/10	1/10	10*	1 12	MD C	AVIN	0.1/10		NO		STATIC		•	OTTOM	DF S'MPL'S			rta 11/		_	T AMI			UMEER
+					-						1				۲,						$\overline{}$	1	1	1	-	
11262	ME I	3152	5 N	070040wl	116	10			IHD	1968	IA6	AR TE			ᆤ	212	17	33	3	۷ ۱	X2		6	ı	- 1	0022
						COLO	***	_	THEO	MET		DET	WE.	- v	n.	ND, DES	SPEC									
						CODE		Diff.	POSC	1 75.04		BULS	BUL	. ["	9	DEPTHS	DBSERV	ATIONS								
								06	517			183	16	7 7	1	14		\neg								
			_	1	$\overline{}$		+		T	1 20	1	-	1		_	T 1			_			_				_
	MESSENGE	CAST NO.	CARC	DEPTH IN	1	7	5	٠4.	SIG	MA-T		HALT-I		₹ A	M.	300	THD	0 2 ml/i			TOTAL-P		2-H	ND3-N	\$104-\$	₽Н
	HR 1/10	1					ļ.,		_		-		_	2 10	,	*****	,		- "	• •1/1	No - 01/1	, P.	01/1	PB + 81/1	NS + 01/	_
				1							-															
			ST	0000	2	087	365	.5	25	73	00	2274	4	000	0	15	263									
	054		085	0000	2	087	365	51	25	73							263									
			ST	0010	2	087	365	5	25	73		2278		002			264									
			5 T			087	365		25		00	2282	7	004	6	157										
	054	•	085	0029		087	365		25								268									
			ST			080	365		25			2268		006		15										
			51			969	365		26		00	1993	2	011	1		239									
	054		0B5	0057		944	365		26					- 1 -	_		234									
			5 T			928	365	-		17	00	1878	6	015	9		232									
	054	•	085	0086		91 6 902	365 365		26			1823		020			232 229									
	054		ST OBS	0100		889	365		26	27	00	1023	19	020	0		228									
	054	•	ST			889	365			28	00	1793		025	1		230									
			ST			886	366			30		1787		029			233									
	054		OBS	0170		882	366		26		00		•		•		2 3 5									
			ST			871	366		26		00	1768	9	038	5	15										
	054		085	10226		861	365		26								238									
			5 T			852	365	8	26		00	1754	7	047	3	15	240									
			5T		1	B31	365	6	26	41	00	1735	8	056	0	157	242									
			5 T	0400	1	789	365	0	26	46	00	1712	4	073	2	157	245									
	054		085	T0446	1	769	364	72	26	49						157	247									
			5 T	0500	1	757	364	5	26	51	00	1705	7	090	3	157	252									
	054		085	0565	1	714	363		26							157										
			5 T			676	363		26		00	1656	1	107	1	15										
	054		Q85	10670		578	361		26						_		222									
			ST			506	359		26			1526		123		152										
			ST			276	356		26		00	1329	8	137	5	151										
	054		085	0893		074	353		27		0.0			140	,		082									
			5 T			056	353 351		27			1133 0896		149 159			076 009									
			ST ST			833 665	350		27 27			0 7 3 5		167			959									
	054		085	11108		654	350		27		00	01,55	,	101	,		956									
	094		5T			595	350		27		00	0653	7	174	Q		948									
			5 T			540	350		27			0585		181			942									
	054		0B5	1399		497	350		27		-		-		•	_	941									
	0) 4		5T			497	350		27		00	0537	4	186	7	144										
			ST			463	350		27			0508		191		149										
	054		085	T1699		428	350		27								963									

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE	_				_							-			_	_			_											
CTRY ID.	SHIP .	LATITUDE	LONG	SITUDE	POCT	MARS		STA TIC	N TIM	£	YEAR		DRIGIN	_	_	_	DEPTH	DEP	tX. TH		WAY	/L		WEA	CLOU	D O			NODC	7
CODE NO.	COOF	1/10		1/10	2 2	10*	10	MO DA		/10		CRUISE NO.		STATIC HUMB			10 40110#	.1 0	F			TIONS	- 1	THER	C008	1			TATION	1
33137	145	221/20					1					1	-	_	_	+	_	S'MP	L'5	DIA.	H G 1	P11 5	4.		TYPE A	wT		_ '	NUMBER	1
31126	ZI ME I	32142N	070	431w	1	116	1201	05 0	8 los		1968			5		1	5212	1	6	00	1		3	X 1	8 6	,		ĺ	002	3
						-		 	WIF	PELD	BAR		IR TEA	_		vit.	NO.	5	PECIAL										002	٥,
							COLOR	TRANS.	DIR,	OIC.	MET		ULB	W.E	₹ lc		ORS. DEPTHS		EVATI											
						ł	_	 	_		+-	-	_	-	-	-		-												
					_			4 1	2 5 5	16	28	4 1	83	16	7 1	В	14													
	MISSENGI	CAST CAR	an an	OEFTH 6	m1	7	t	5 .	4. l	SIGN	T-AA	SPECIFIC		мт	₹ ∆ 01N.	0	500	DND	Ι.		l ec	14-2	70.	7AL-P	NO	1				
	NR 1/10	1	<u>. </u>					1		21.01.1		ANDM	ALT-211	•'	2 I	ď.		CITY	0,	ml/I		- 81/1		- 01/1	NO2-N			\$1 O4 — \$1 µg - 01/1		
												_			_	_	1	_	+-		+-			_		+	-		-	_
		51	ro '	0000	۱ '	21	105	364	a '	25	50	002	.041	. '	000	٠.	1.5		ţ		1			- 1					1	
	086			0000			105	364		25		002	400.	,	000	,,		266												
		51		0010			07	3643		25		002	. 1 4 4	5	002	.		266												
		5.1	ıΩ	0020)		08	364		25		002			004			268 270												
	086	089	5	0025			09	3643		255		302		-				270												
		ST		0030			83	3644		256		002	355	7	007	,,		265												
		5.1	ď	0050			01	3650		259		002			011		15													
	086	085	,	0050	1		01	3650		259		002.		_			152													
		5.1	٥	0075			52	3658		261		0019	346	1	016	. 7		239												
	086	085		0075	1	19	52	3658		261		001	,,,,,			• •	152													
		ST	D	0100		19	14	3654		261		0018	3791		021	5	152													
	086	085		0100		19	14	3654		261				•		-	152													
		5.1	0	0125		19	09	3659		262		0018	1425	5 (026	2	152													
		ST		0150		19	02	3662		262	7	0018	126		30		152													
	086			0150		19	02	3662		262					•	•	152													
		5.7	0	0200		18	79	3660		263	2	0017	873	3 (39	7	152													
	086	085	ī	0201		18	78	3659	6 .	263	1						152													
		5 T		0250		18	57	3658		263	6	0017	669) (48	6	152													
		ST		0300		18	36	3656		263	9	0017	479	, (157	4	152													
	086			0395		17	95	3650	5	264	5						152													
		ST		0400		17		3650		264	5	0017	244	. (74	8	152													
	086			0495		17		3642		65	0						152	49												
		ST		0500		17		3642		65	0	0017	060		91	9	152	49												
	086			0598		16		3627	4	65	9						152													
		5.10		0600		16		3627		66		0016	429	1	08	7	152	38												
		510		0700		14		3593		67		0015	235	- 1	24	5	151	95												
	086			0799		12		3563		69							151	47												
		510		0800		12		3563		69		0013			38		151	46												
		510		0900		10		3534		71		0011			51		150	77												
	086	STI		1000		086		3514		73		0009	678	1	62	1	150													
	080	OBS		1010		08		3512		73	-						150													
		ST(1100		07		3508		74		0007			70		149													
	086	085		1200		05		3504		76		0006	559	1	78	1	149													
	000	510		1281		05		3502		76							149													
		510 510		1300		052		3501		76		0005			84		149													
		51C		1400		050		3499		76		0005			90		149													
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Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

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Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

Street Children	REFERENCE	SHIP	LATITUGE	LONGITUO	1 20	MARSOE	STATIC	N TIME	YEAR	_	ORGINA			DEPTH	MAI		WAVE ERVATIONS	WEA-	CLOUD			ATION
	CONT NO.	CODE							_	CRUISE NO.					S'MPI	1 .		COOL				
The content of the	311262	ME			_				1	+				5030	+	1				1		0026
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200		200						75 2	502					15	331							
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200		200	0.8	5 00	8.2	220	0 365	82 2	544					15	306							
STO 0125 2113 3670 2577 0022822 0374 15292 0376 15295 0370 037			s	TD 01	00	216	1 366	5 2	560	002	4355	0	315	15	300							
STO 0150 2073 3669 2587 0021944 0430 15285 1		200	0.8	5 01	23	211	6 367	05 2	577					15	292							
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STO			5	T0 01	50					002	1944	. 0	430									
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STO 0300 1843 3656 2638 0017648 0722 15245			5																			
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STO 0400 1784 3648 2646 0017134 0896 15244 15240 152																						
200 OBS 10478 1733 36394 2652 15240 STO 0500 1699 3633 2655 0016556 1065 15233 STO 0600 1527 3602 2672 0015209 1223 15193 200 OBS 0652 1424 35852 2681		200										_										
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200 OB5 0652 1424 35852 2681 15167 15167 1516 1516 15167 1516 1516		200											0.6									
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STO 0700 1299 3566 2692 0013283 1366 15131 STO 0800 1063 3534 2713 0011313 1489 15062 200 085			_							001	5209	, 1	443									
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10	COD		LATITUDI		LONGITUDE	10.3	201	SOEN JARE		TION TI		TEAF	ÇAU		TATIO	ON	DEPTH TD BDTTQA	DEPTH		SERVA	TIONS	WEATHER	CODES			NODE
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								CODE	IMI	1	PORCE	(m)	101	BULE	€UI	LB	DEFINS									
										07	515	31	15	183	14	44 8	14									
	M1331		CAST	CARD					١.	.,			SHC	IFIC VOLU	M.	E A D	10	UND		100	1-1	101AL-F	NO2=N	NO1-N	510.4-5	
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	ļ.,	17.10	_		+		+		+		1		+		-		-+			-	-		-			+
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				510		10		467	36 36		24			3625 3634		0036		355 357								
				51L 085				468		123	24		00	3034	4	00/3		357								
	2	32		510 510		24 30		469	36		24		0.0	3544	5	0108		355								
	2	32		510 085		49		379		359	24		UU	5344	,	0108		343								
	-	. 22		510				372	36		24		0.0	3202	6	0176		341								
				STO				236	36		25.			2744		0250		313								
	2	32		310	00			236		488	25.		00	C . 44	4.	02)0		313								
		32		085		99		159		599	25							298								
	2			202				157	36		25		0.0	2460	9	0315		298								
				STO		-		103	36		25			2292		0375		289								
	2	32		OBS	01			046		661	25		-		-			277								
	-			SIC				039	36		25		0.0	2128	3	0 4 3 0		276								
	2	3.2		085	T01			904		604	26		-					246								
	-			STO		00		901	36		26.		0.0	1842	5	0529		246								
				STO				853	36		26			1786		0620		239								
				510			1	803	36	47	26	41	0.0	1733	4	0708	15	233								
	2	232		085	103		1	728	36	356	26							221								
				STO	04	00	1	717	36	34	26	5.2	0.0	1657	6	0677	15	222								
	2	3.2		085	04		1	631	36	193	26	61						204								
				510	0.5	00	1	462	35	9.0	26	77	0.0	1437	2	1032	15	155								
	2	232		085	T 0 5		1	356	35	720	26	85					15	123								
				STO	0.6	00	1	172	35	46	27	0.2	0.0	1199	7	1164	15	069								
	2	232		085	06	74	0	999	35	251	27						15	017								
				STO	0.7	00	0	1945	35	20	27	2 2	0.0	1004	1	1274	15	001								
	2	232		085	107	99	0	769	35	064	27	39					14	950								
				STO	0.8	90	0	767	35	06	27	39	0.0	0836	2	1366	14	949								
				STO	09	0.0	C	635	35	0 3	27		0.0	0676	9	1442	14	913								
	2	32		DBS	09	66	C	569		007	27							898								
				STO				1542	35		27			0582		1505		892								
				STO		00		487	34		27		0.0	10527	1	1560		886								
	2	32		DBS	T11	35	C	477	34	987	27	71					14	888								

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

REFERENCE				Le	MARSDEN	STATION TO	wt	ORI	SINATO	A"S	OFFTH	MAX		WAVE	WtA-	CLOUD			1000	
CTET ID.	COOL	LATITUE	DE LO	NGITUDE BE	SQUARE	(GM1)	TEAR	CRUISE	STAT		TO	OEPTH	1	RVA TIONS	THER	CDDES		51	ATION UM BER	
CODE NO.		·	1/10	1/10	10" 1"	MD DAY HI	L1/10	NO.	NUM	461	101104	S'MPL'	S DIAL	HGT PER SE	CODE	1111 2.2.			UWIEL	
311262	ME	34064	N 0	3320w	116 43	05 09 0	24 1968		10		4298	16	03	2 2	X]	8 2	1		002B	
					WA	ER W	IND BAR	D- AIR	TEMP.	Z VIE	ND.	598	CIAL							
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						0.8	513 31	8 183	1	28 8	14	<u> </u>								
	MESSENGE TIME	CAST	CARD	DEPTN (m)	1 70	5 %.	SIGMA-T	SPECIFIC V	DLUME	₹ A D	50	מאט	D; mi/i	PO4-P	101AL-P	NO2-N	NO3-N	5104-51	l	S C
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	024		085	0000	2418	36139	2447				15	342								
	0.		510	0010	2418	3613	2447	00341	784	0035	15	343								
			510	0020	2417	3613	2447	00346	42	0070	15	345								
	024		085	0026	2417	36127	2446				15	345								
			510	0030	2392	3618	2458	00338	307	0104		341								
			510	0050	2285	3640	2506	0029	317	0167		320								
	024	,	085	0051	2280	36408	2508				15	319								
			STD	0075	2188	3653	2543	00258	345	0236		301								
	024	,	OBS	0077	2182	36536	2545					300								
			STD	0100	2123	3663	2569	00234	494	0298		290								
	024	•	085	0103	2115	36643	2572					288								
			STO	0125	2047	3664	2591	00219		0354		274								
			510	0150	1985	3664	2607	00200	37	0406		261								
	024	•	085	0155	1975	36642	2610			0503		259								
			510	0200	1917	3664	2625	00189	531	0502		251								
	024	•	085	T0209	1906	36632	2627			0594		249								
			510	0250	1890 1859	3662 3659	2630 2636	0018		06.84		250								
			510 510	0400	1763	3645	2649	0016		0858		237								
	024		085	10422	1735	36402	2652	00100	300	0000		232								
	024	•	510	0500	1622	3620	2664	0015	723	1020		208								
	024		085	0530	1566	36104	2669	0015		1020		195								
	024	•	510	0600	1399	3579	2682	0014	125	1170		150								
	024		085	T0638	1308	35645	2689				15	124								
			SID	0700	1133	3551	2713	0011	140	1296	15	073								
			510	0800	0895	3533	2740	00084	447	1394	15	001								
	024	•	085	0855	0787															
			STD	0900	0719	3519	2756	00068	938	1470	14	949								
			510	1000	0593	3508	2765	0005	941	1534		914								
	024		085	T1072	0524	35021	2768					897								
			SID	1100	0511	3501	2769	0005		1591		897								
			STD	1200	0469	3500	2773	0005		1644		896								
			510	1300	0438	3498	2775	0004	906	1694		900								
	024	•	OBS	1343	0427	34978	2776					902								
			STO	1400	0416	3497	2777	0004		1742		907								
			510	1500	0403	3497	2778	0004	107	1790		918								
	024	•	085	T1615	0401	34970	2778				14	937								

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

TEFERENCE TAV ID.	SHIP	LATITUDE	- 1	LONGITUDE	MOC10	SOF	SDEN		AATE	- !	TEAR	CRUISI		STATIO	N	DEPTH TO BOTTON	DEPTH OF	1	SERV	A TIONS	WEA	COD	5		5	NODC TATION
NO.		171	10	1/10	1.	10.	1.	MO DA	LT HR.	1/10		NO.		NUMBE	•	BOTTON	S'MPL'	S DIR.	НG	T FEB SE	CODI	2071 A	4.1		1	UMBER
311262	ME	34272N	1	74154W		116	44	05 0	9 09	54	968	A66	01	1		3658	16	04	. 2	2	×1	8				0029
							WA	TER	W11	ND	BAR		AIR TE	MP C	1-	NO.			٦'						,	
							COLO#		DIR.	SPEED	MET	ER	DRY	WET		CORE		CIAL ATION!	s							
							CODE	1-1	_	FORCE	(mb	• '	IU L	BULL	<u>'</u>	Dering			4							
									12 5	505	31	5 1	78	13	3 8	14										
- [MESSENGE TIME MR 1/10		ARD TYPE	DEPTN	(m)	,	7	5 .	۸.,	SIG	A-f	SPECIFI	VOLU		≨ ∆ D DYN. A x 103		UND OCITY	02 ml		PO4=P rg = o1/1	FOTAL-F			03=N - 87/I	SI D ₄ = \$1	рΝ
]										j											1			
			STO	0000	0	2	313	362	3	248	35	003	108	8	0000	15	317									
	054	0	₿S	0000		2	313	362	34	246	3.5					15	317									
			STO	0016	0	2	303	3624	4	248	8 8	003	080	8 (0031	. 15	316									
			SIC				292	3625		240		003	047	3 (0062		315									
	054		BS	002			284	3626		249							315									
			STO				282	3621		249			002		3092		315									
			STO				258	3634		250		002	901	0 (0151		313									
	054		BS	0054			250	3635		251							312									
			STO				190	3639		253		002	690	8 (0221		300									
	054		BS	0082		2	167	3640	8.0	254							296									
			STO				096	3646		256		002	401	4 (3284	15	281									
	054		ВS	0108			068	3648		257							275									
			STO				024	3656		259			152		0341		267									
			STO				971	366		501		001	977	0 (1393		257									
	054		85	0162			950	3665		261							254									
			510				914	3664		262		001	845	7 (0489		250									
	054		BS	T 0 2 2 0			896	3662		262							248									
			STO				879	366		263			791)579		248									
			STO				849	3659		263			757		0668		247									
			STO				782	3651		264		001	688	4 (0841		243									
	054		BS	T0435			757	3646		265							241									
			STO				751	3645		265		001	691	5 1	1010		250									
	054		BS	054			674	3631		266							232									
			STO				406	3583		268		001	398	2	1164		152									
	054		BS.	T065			192	3548		270							085									
			STO				032	3536		272			038		1286		035									
			STO				759	3515		274		000	757	9]	1376		947									
	054		ВЅ	086			627	3505		275							905									
			SID				599	3509		276			611		444		899									
			STD				527	3503		276		000	539.	6]	1502		887									
	054		85	T1083			481	3501		277							881									
			STD				476	3501		277			497		1554		882									
			STD				449	3500		277			480		1602		888									
	06.		STO				427	3499		277		000	468	e 1	650		895									
	054		BS	1355			417	3498		277		00-					900									
			STD	1400			410	3498		277			463		696		905									
	0.5		STD	1500			397	3498		277		000	455	4]	742		916									
	054	01	BS	11625)	0	388	3496	1	277	9					14	933									

4CE	SNIP	LATITU	.	LONGITU		5	MARS			ON TH				ORIGIN	_		_ 7	DEPTH	DEPT		W A	VE		WEA-	CLO				NODC
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					,		1	WAT			IND	BARG		AM TE			-1	NO.	,		ו' ו'		- (-	,			,	
								CODE	TRANS	DIR.	59660	METE	• [Day	W)	ET C		OBS SEPTHS	ORSER	ECIAL ECIAL	s								
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	ME 1710	1				_			 - 		1	-			-			+			-		+			-			-
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	0.85	5	OBS		0000			56	361		240			, , ,					374										
			ST		0010			57	361		240		00	3876	2	00	39		376										
	089	5	085		016		25	5.58	361	145	240	5						15	377										
			ST		0020		25	558	361	15	240	5	00	3880	2	00	78	15	378										
			ST	0 0	0030		25	556	361	14	240	5	00	3881	8	01	16	15	379										
	085	5	OBS		0033		25	556	361	144	240	5						15	380										
	085	5	OBS		0048		2:	556	361	44	240	5						15	382										
			ST	0 0	0050			555	36	15	240		00	3884	4	01	94	15	382										
	089	5	085		3064		2 5	48	36		240								383										
			SŤ		0075		24	86	362	2.3	243	3	00	3632	2	02	88		371										
	089	5	OBS		0096			366	363		247								347										
			5.1		3100			343	363		248			3141		03			342										
			ST		125			96	364		253		00	2705	3	04	46		310										
	089	5	OBS		1125			96	364		253								310										
			ST		150			002	363		257			2279		05			262										
			ST		00 20			57	360		264		00	1649	6	00	06		168										
	089	5	OBS		0234			56	358		267								109										
			5 T		250			365	35		268		00	1287	7	06	80		080										
	08	5	OBS		280			26	355		269					_			036										
			ST		300			160	354		270		00	1103	5	07	39		016										
	0.8		085		0317			111	353		270								001										
	0.8	5	OBS		397			964	35		272								959										
			51		0.00		-	957	35		272		00	0940	1	08	42	_	957										
	08	5	0B5		476			774	35		274								899										
			ST		3500			704	350		275		00	0670	8	09.	22		875										
	0.8	5	OBS		0562			62	350		276								828										
			ST		0600			02	349		276		00	0503	8	09	81		809										
	08	5	085	TC	0625		04	+73	340	36	276	8						14	108										

Table X. Observed and interpolated oceanographic data taken by USCGC MENDOTA, 8–10 April 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1262.—Continued

CTAT CODE	ID. COC		LATITU	1/10		GITUBE	Poers Nocre	% A \$0	RSOEN UARE		STATIC IG	MT)		YEAR	CRU	(SE	STAT NUA	ION		0EF1H 10 80110A	D	MAX DEPTH OF 'MPL'S	01		A TIO	 11	EA-	CLO	230			NOC STATE NUM	OH
31	1262 ME	: [3502	8พ โ	075	056	·	11	5 55	lο	5 0	9 1	13	1968	Ae	6 0	13		- 10	0530		05	14	2	2	X	1	6	6			00	31
									w.	ÂTE	1	w	IND	BAI	n- I	A 18	TEMP.	t	I I	NO.	Ť	SPEC		7									
									COTO	1	EANS.	OIL	DI PORC	ME	tr	ORY		VET UL\$	CODE	OBS. DEPTHS	5 01		TIONS										
												16	504	30	15	194	1	56	8	09	T												
	MESS Thi	w !	CAST M NO.	CAS		OEPTH	(m)		1 %		5 *	4.	SIG	MA-7		IFIC VO		S OY	∆ 0 N, M 10³		UNI		02 =1/		PO 4-	01A (NO1-		NO3-N vg - 81/1	5) O4- 48 - 84		μН
										ı										1				Ī					-			i	
					T D	000			2317		363		24		00	303	170	0.0	000		3 1												
		113	3	089		000			2317		363		24					0.0			31												
					10	00			2312		363 363		24			302			30		32 332												
		113		08	T D	002			2304		363		24		00	1502	19	00	001		32												
		113	,		TD	001			2282		363		25		0.0	295	.02	0.0	90		31												
					10	005			2126		364		25			248			145		528												
		113		08		009			2110		364		25		00	72.40	70 7	٠.			27												
			,		τ0	00			1910		363		26		or	197	118	0.2	201		22												
		113		089		00			1872		363		26			•					21												
		• • •			τD	010			1648		361		26		0.0	153	14	0.2	244		15												
		113	3	08		010			1604		361		26							15	13	37											
			•		T D	01			1504		359		26		0.0	135	61	0.2	80		10												
					Tρ	015			1384		358	0	26			124		0.3	313	15	507	71											
		113	3	089	s	019	8		1347		357	49	26	89						15	06	60											
					TO	020			1158		354	7	27		00	106	76	03	371	14	99	99											
		113	3	08	5	T02	12		1109		354	01	27	09						14	98	B 3											
					T D	025	0		0965		353	1	27	28	0.0	0086	04	04	19		93												
				5	T D	030	0.0		0805		352	0	27	44	0.0	0070	48		58		88												
				5	TD	040	0.0		0586		349	7	27	56	0.0	0058	81	05	23	14	81	10											
		113	3	08	5	T04	15		0565		349	30	27	56						14	80	04											
		113	3	• 5	t D	048	35		0530		349	27	27	60	0.0	0055	66	05	71	14	80	01											

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.

REFERENCE					Τ.	MAR	COEM	STATIO:				1 0	IGINA	102"			MAX.									,
CIST ID.	CODE	LATITUE		LONGITUOE		sou	ABE	STATIO			YEAR	CRUISE	STA	TION	\dashv	DEFIN	DEPTH	085	WAVE ERVATK	2NC	THER	CODES		5	NOOC TATION	
318060	E 1/	3155	1/10	1/	+	+	\neg	MO DA				NO.		MBER	-+	80110M	S'MPL'S	_	HGT 911	Sta	-	ITPE AM		,	UMIEI	1
1 318000	1 5 4 1	3133	N	065228	W F	1115	15	10 06	20 WIN		968	* 1	001 TEMP	. +		4645	43	13	1		X 1	0 3			0001	ų.
							COLOR	TRANS C	aL 1	MID	METE	R OR	-	WET	CODE	NO. OBS. OEFINS	SPEC	ATIONS								
							$\overline{}$		- 1 '	09	[mba		1_	1011	-											
							01	50 1	4 12	09	231	0 26	<u>'</u>	228	7	31			,							_
	MESSENGS TIME	CAST NO.	CART	DE#16	1 (m)	1	σ	5 */.	.	SIGM	A-7	MOMAL	OLUM!	· Šv	A D M	YELO		O3 m1/(104		0141-0	ND2-N	NO3-N	\$1 Da=\$1	ен	č
	HR 1/10	-						-	-			_		1	103	-	-		¥4 · ·		## - #1/1 .	wg - al/1	µg + 01/1	⊌g • e1/1		c
l	1	1	STI	001	00	2	547	3636		242	4	0036	863	00	000	15	374		1						f	11
	203		OB5	000			547	3636		242						153	374									
			5T0	00:			547 547	3635 3634		242 242		0036	991	00	37	151										
			STO				537	3636		242		0036	566	00	74	15										
	003		085	002			537	3635	8	242	7					153	375									
			5T0	001			537 537	3636 3635		242 242		0036	707	0 1	10	153 153										
			510				316	3655		250		0029	106	0.1	.76	153										
			085	005			316	3654		250						153										
			5 1 0	001			096 096	3661 3660		257 257		0022	944	0.2	41	152										
			510				996	3661		260		0020	369	04	95	152 152										
			085	010			996	3660		260						152										
			510 085	012			945 945	3657 3656		261 261		00194	476	0.5	45	152										
			510			1.	904	3657		262		0018	551	0.3	93	152										
			085	019			904	3656		262						152	8 € 5									
			510 085	020			846 846	3656 3655		263 263		0017	378	04	82	152										
			5 T C				817	3654		264		00170	005	05	68	152										
			085	025			317	3653		264						152	29									
			5 1 0 085	030			796 796	3649 3648		264		00170	29	06	53	152										
			510				736	3641		265.		00165	30	0.8	21	152										
			085	040			736	3640		265						152										
			5 1 0 085	050 050			534	3619 3618		266 266		00160	183	09	84	152 152										
			STO				35	3581		267		00147	746	11	38	151										
		1	085	060			35	3580		267						151										
			510 085	070 070			l 36 l 36	3540		270 270		00120	11	14	72	150										
			510	060	0		346	3508		272		00094	68	13	0.6	149										
		1	085	080			346	3508		272						149										
			5T0 085	090			15	3501 3501		2750		00066	30	14	60	149										
			510				554	3503		76		00057	71	15	22	148										
		1	085	100			54	3502		76						148										
			510 085	110 110			06	3503 3502		27 7 277		00052	46	15	77	148										
			5T0	120	0	04	75	3503	- 2	779		00048	97	16	28	148										
		(085 5 1 0	120			75	3503		779	-		~ 7			148										
		(085	130			154	3503 3503		? 77' ? 77'		00047	31	16	76	149										
	215	(085	T135	6	0.4	53	3503	L a	77	7					149										
			ST0 085				37	3503		779		00046	11	17	23	149										
		,	5 T D	140 150			37 18	3503; 3502		779		00045	56	17	64	149										
		(DB 5	150	0	0 4	18	35018		780		000.2		•		149										
	216		STO	175			QQ	3501		78.		00045	8.5	18	83	149										
	215	,	OBS STD	7189 200			73	3500		783 764		00045	1.1	19	97	149										
	215	(085	242	6	0.3	23	3496	2	786	5		• •	• 1		150										
	215	,	5 T D	250 T294			14	3496		786		00043	35	22	18	150										
	£ 13	(510	300			69 64	3493.	-	1788 1788		00041	19	24	20	151 151										
	215		085	346	1	0.2	3.2	34908		789			•			151										
	215	(285	396			28	34897		789				200		152										
	215	(STO DBS	400 1435			27	3490		789		00042	59	28	48	152 153										
		•			-			2	-	, ,						100	21									

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

arcearust.	, ,		-		,										MAX	·			_		,			
CTEY ID.	SHIP	LATITUDE		NGITUDE	100 4	ARSDEN QUARE	STATION T	IME	YEAR	CRUISE		ATOR'S	\dashv	DEFTH	DEPTH	0	WAVE SERVAT		WEA-	CLOUD			STATIO	C
CODE NO.	CODE		/10	1/10	8 H)* 1·	MO DAY	8,1/10		NO		HUMBER		BOTTON	A S'MPL		HGTP			TTFI AM			NUMI	IE R
318060	EV	3156	N O	5629 W	1	5 16	10 08	38	1968	A67	00	2		4846	15	1	2	1	×1	0 3			0.0	0.2
1 316060	LCVI	2120	1 1 00	3024 W	11.	WA		AIND		1		WP TC	т	NO.	ľ		124	t	1 ^1	1 012	1	- 1	00	UZI
						COLOR	TRANS DIE	5410	MET	U-)—	RY.	WET	COD	085		CIAL								
						CODE	IMI DIK.	FOECE	(mbi	1 6	UL#	1011	!	DEPTHS										
						DT	50 15	510	22	0 2	56	239	7	24										
	MISSINGE	C 4 5 5	CARD	T			1	Ί		INCIRIO	VOLU	\$	Δρ	1	UND		. 10.	. 1	TOTA L = P	NO2-N	NO3-N	5104-		
	TIME	NO	TYPE	DEFTH 6	e.	1 10	5 %.	SIG	M A -1	ANOM	ALT-BI	, O	A. D.	VEL	OCITY	02 #1/		#1/I	µg - 61/1	₩9 - 01/1	VB · 01/1	98 - B		рН
	HR 1/10			+	+			+		_				+			-	-		-	-	<u> </u>	+-	-
	1	1	510	0000	.	2546	3615	24	00	003	025	2 0	000	1 1 6	372			ĺ		1		1	-	ļ
	038		085	0000		2546	36149	24		00 4	0 5 5	2 0			372									
	0 7 6	,	STD	0010		2531	3611	24		003	821	1 0	38		370									
		(085	0010		2531	36113	24				-			370									
			STD	0020		2525	3631	24	27	003	667	3 0	076	15	372									
	003	(OBS	0020	1	2525	36308	24	27					1.5	372									
			STD	0030		2396	3638	24		003	250	8 0	110		344									
		(085	0030		2396	36376	24							344									
			STD	0050		2213	3645	25		002	701	8 0	170		303									
		(085	0050		2213	36447	25							303									
			STD DBS	0075		2121	3665 36650	25 25		002	320	2 0	233		285									
		,	STD	0100		2121	3659	25		002	120	7 0	288		263									
			085	0100		2023	36588	25		002	120	, ,	. 60		263									
		`	STD	0125		1947	3667	26		001	879	6 0	338		247									
		(085	0125		1947	36669	26		001					247									
			STD	0150		1912	3659	26		001	861	1 0	385		240									
		(085	0150		1912	36587	26	22					15	240									
			STD	0200		1861	3658	26		001	756	1 0	475		234									
		(085	0200		1861	36584	26							234									
			510	0250		1836	3657	26		001	726	8 0.	562		235									
		(OBS	0250		1836	36565	26							235									
		,	STO	0300		1816	3653	26		001	120	5 0	549		237									
		(OBS STO	0300		1816	36531 3648	26 26		001		. 0	319		237									
			DBS	0400		1773	36480	26		001	000	6 0	7 1 7		240									
		,	STO	0500		1704	3635	26		001	651	4 0	986		235									
		(085	0500		1704	36352	26		001					235									
			STD	0500		1537	3604	26		001	529	9 1	145		197									
		(085	0600		1537	36038	26	7.1	_					197									
			STD	0700		1324	3568	26		001	366	8 1	290		140									
		(DBS	0700		1324	35677	26							140									
			510	0800		1036	3529	27		001	120	9 1	414		05.									
		(085	0800		1036	35287	27		000	0.0.1	7 11			052									
		,	STD	0900		0821	3511 35111	27		000	401	r 1	15		987									
		(STD	1000		0639	3506	27		000	672	8 1	594		932									
			385	1000		0639	35063	27		000	012	0 1	, , .,		932									
			STD	1100		0549	3505	27		000	570.	2 1	556		912									
		(DBS	1100		0549	35046	27				-			912									
		`	STO	1200		0488	3502	27		000	519	7 1	711		904									
		(085	1200		0488	35017	27							904									
			STD	1300		0455	3502	27		000	487	5 1	761		907									
		(085	1300		0455	35015	27							907									
			STO	1400		0427	3500	2 7		000	474	9 1	109		912									
		(085	1400		0427	34995	27		000			25.0		912									
			STO	1500		0411	3499	27		000	+68	c 10	356		922									
		(085	1500		0411	34988	27	19					14	922									

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE	1 1		1		1 -1	MAISDEN		ATION T	1445		1	ORIGIN	ATOR'S	-	DEFTH	MAX		WA	V.5	WEA	. CLOU				. 1
CIPY ID.	SHIP CODE	LATITU		LONGITUDE	MDCT	SQUARE		(GMT)	- 1	YEAR	C#UISE	3	TATION		10	DEPT	1	BSERVA	RHONS	THER	CODE	5		STATE	NC.
CODE NO.	1		1/10	1/10	- 6	10, 1,	MD	DAY	1/10		NO.		UMBER	_	80110A	S"AMPL	'S DIE	HGF	PED 51	COD	1791 A	M T		NUM	IE4
318060	EV	3155	3 N	067439W		115 17		-		1968					5121	1 1 5	24	1		×1	01:	3		0.0	03
							ATER	-	SPEED	#A BI	U	AIR TEA	AP °C	vis	NO.	SP	ECIAL								
						COL	I I IA	DIR	- O#C#	(mb		UL#	BULB	COD	DEPTH	OBSER	VATION	S							
						DT	51	0 24	516	20	0 2	56	233	7	25			7							
	MESSINGB	CASI	CAR						ή		Sercial	. volu	u	ΔO	1 50	UND		1.	04-1	101AL-	ND2-N	1	sio,	,	
	HR 1/10	NO	TYP	DEPTH	(m)	1 12		\$ '\.	SIGA	AA -T	AHON	ALT-BI	7 D	1N M	VEI	DCITY	O ₂ mi		- 01/1	48 - 01/1	NB - 01/				PH C
					_	-			+-				1		\top							+			-+
	1		ST	0 000	0	2596	3	636	240	ρQ	003	834	+ 'o	000	15	386		1	,		,	1			1 '
	098		085	000	0	2596	31	6356	240							386									
			51			2596		636	240		003	836	4 0	038		387									
			OBS			2596		6359	24		000	0.30				387									
	0.00		51			2596		636	240		003	839.	8 0	077		389									
	003		0B5			2596 2596		6360. 636	241		003	844	2 0	115		391									
			OBS			2596		5360	240		003	044		• • •		391									
			085			2595		6361	24							393									
			ST			2358		539	241		003	143	0	185		338									
			085			2358		5388	241							338									
			51			2114		555	256		002	376	2 0	254		282									
			0BS			2114		5547 561	250		002	000		309		282									
			085			1981		5607	260		002	000.	, ,	20,		251									
			ST			1931		559	26		001	898	. 0	357		241									
			085			1931	36	5588	26						15	241									
			5 T	0 015	0	1887		560	26		001	791	0	404		233									
			085			1887		5597	26							233									
			51			1850		559	26		001	726	5 0	492		231									
			085			1850		5588 556	26		0.01	689		577		231									
			5 T 0 B S			1819		5560	264		001	004	• 0	211		230									
			ST			1804		555	26		001	680	B 0	661		234									
			OBS		0	1804	3 6	5546	26						15	234									
			51	D 040	0	1764	36	549	269	5 2	001	662	1 0	828	15	238									
			OBS	040		1764		5487	269							238									
			51			1717		537	56		001	666	7 0	995		239									
			OBS			1717		5373	265							239									
			ST 085			1562 1562		504 5085	266		001	551	, 1	156		205									
			51			1354		576	268		001	3676	. 1	302		151									
			085	070		1354		5761	268							151									
			5 T			1120		541	270		001	1899	- 1	429		083									
			085	080		1120		405	270							083									
			51			0875		514	272		000	967	3 1	537		8 00									
			0BS ST	090		0875		5142	272		0.00	7466	. 1	623		947									
			085			0678 0678		504	275		000	140) [023		947									
			5 T			0573		505	276		000	599	5 1	590		922									
			OBS	110		0573	3 5	5052	276						14	922									
			ST			0529	3 5	908	27	73	000	529) 1	747	14	921									
			085	120		0529		5081	27					_		921									
			51			0477		505	27		000	492	3 1	798		917									
			OBS	130		0477		0049 504	27		000	475	, 1	H /. L		917									
			51 085	0 140 140		0450		236	271		000	4()	. 1	846		922									
			51			0434		503	278		000	467	7 1	893		932									
			085	150		0434	3 5	5 U 3 1	278				_			932									

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

ERENCE	SHIP	LATITU	0.	LONGITUDE 38	MARSDEN	STATION T	IME TEAR		GINATO		DEP	TH D	AAX EPTH	Oase	VAVE RVATIONS	WEA-	CLOUD		Ι,	NODC
ID. NO.	CODE		1/10	1/10		MO DAY H		CRUISE NO.	STAT	ION BER	80110		MPL'S		G 711 114		STPE AMI	+	Ñ	UMBER
0010	F.V.	3154		068560W		10 08		8 A 6 7	004		526				2	X1	0 3	1		0004
8060	[E V]	2124	014 1	000300 W	WAT		- T	1 1	TEMP.	٠	INO	-,			- 1 1	1 / 1	1 012	1	4	000
					COLOR	TEAMS DIR.		TER DE		ET COL	0.01		SPECIA	E ON S						
					CODE	iar I DIK.	PORCE (#	bat RU	. 81	J. I	DEPT	HS								
					OT	50 29	506 2	13 27	8 2	33 7	25	5								
	MISSENGE		CAR					SPECIFIC	VOLUME	E ∆ I	,	SOUNG			PO4-P	101AL-P	NO2-N	NO3-N	SI O4-51	
	MESSENGE TIME o	NO	TYP	DEPTH (m)	1.6	\$ */	SIG MA -T	ANOMA	7-1107	X 10 ³	, \	/ELOCI		ml/I	va = 41/1	µg + ⊕1/1	μg - αl/I	92 - 01/I	2g - o1/1	a N
	HB 1/10	-	_		+	-		+		2 10			+		 				-	
			 51	0 0000	2571	3622	2407	0038	572	0000	ر ا د	1537	a l		1				1	
	158		085		2571	36221	2407	00 30	112	000		1537								
	100		51		2568	3622	2408	0038	503	003		1537								
			089		2568	36224	2408	0030	, ,	000		1537								
			51		2567	3626	2411	0038	263	007		1538								
	003		085		2567	36259	2411					1538								
	000		089		2567	36488	2428					1538								
			51		2376	3658	2493	0030	488	011		1534								
			085		2376	36578	2493					1534								
			51	D 0050	2126	3649	2557	0024	408	016		1528								
			085		2126	36488	2557					1528								
			\$1		1964	3656	2606	0019	840	042		1524								
			089	0075	1964	36558	2606					1524								
			51		1906	3659	2623	0018	290	026		1523								
			085		1906	36586	2623					1523								
			5.7		1872	3657	2631	0017	678	031		1522								
			085		1872	36568	2631			035		1522								
			51		1850	3658	2637	0017	183	035		1522								
			085		1850	36575 3656	2637	0016	003	044		1522 1522								
			51		1829 1829	36557	2641 2641	0016	482	044		1522								
			085		1814	3655	2644	0016	1.48.	052		1522								
			085		1814	36548	2644	0010	1001	0,72		1522								
			51		1795	3652	2646	0016	810	061		1523								
			085		1795	36516	2646	0010	010	001		1523								
			5		1749	3644	2652	0016	605	077		1523								
			089		1749	36440	2652					1523	3.3							
			5		1662	3625	2658	0016	255	094		1522								
			085		1662	36253	2658	_				1522	21							
			5		1476	3590	2674	0014	936	109	9 !	1517	76							
			089		1476	35904	2674					1517								
			5		1251	3559	2697	0012	832	123		1511								
			085		1251	35590	2697					1511								
			5.		0996	3526	2718	0010	1730	135		1503								
			089		0996	35255	2718					1503								
			5		0762	3507	2740	0008	1387	145		1496								
			089		0762	35069		0000	E . O	16.7		1496								
			5		0630	3507	2759	0006	200	152		1492								
			085		0630	35068	2759	0000		150		1492 1491								
			5		0559	3507 35068	2768 2768	0005	001	158		1491								
			08		0559	35058	2773	0005	214	164		1491								
			08		0506 0506	35048	2773	000:	214	104		1491								
					0469	35048	2776	0004	917	169		1491								
			08:		0469	35035		000	. / 1 /	104		1491								
			5		0442	3502	2778	0004	751	174		1491								
			08		0442	35022		300	. , , , 1			1491								
				TD 1500	0426	3502	2780	0004	641	178		149								
			08		0426	35021	2780			- •		149								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE	SHIP		T		- E	MAR	SDEN	s	TATION (GM	TIME			ORIGIN	ATOR	'5	Т	DEPTH	MA	. [WAVE		WEA-	CLOU					٦
CODE NO.	CDDE	LATITU	1/10	LDN	GITUDE \$5				DAY			AR		STATIC		٦,	TO MOTTOM	DEPT DF S'MPL		HGT PER		THEA	COD	5		5	NODC TATION TUMBER	
318060	Ev	3154	N	070	0036W	116	10	10	_	214	_	68	A67 00	5		1	5577	4		1	364	×1	0			-	0005	5
							CDLO	TER	NS OU	WIND	i ai	BARO- METER		MP. Y		15.	ND. DBS.	5.0	ECIAL					•		,	0000	1
							CODE		" "	101	Cŧ	(mbel	BULB	₩U.			DEPTHS	OBSER	2 MOIT AV									
		_					DT	5	0 01	51	0	200	256	21		_	33			-								
	MESSENGE TIME (NO.	CARD	P	DEPTN (m)	1	τ		\$ %.	SIG	GMA-	-1	MOWALT-11	## P	EA DYN.	Ž	SOU	ND CITY	02 ml/1	PO4-		01AL-F	NO2-N	NO		SI D4=Si vii + oF/I	aN.	S C
								+			_	+		+	,	_	+			-	+	-		112	- 61/1	PH - 01/1	-	-19
	214		5T 0B5		0000		542		638		427		003658	6	000	0	153				J	- 1		1	- 1		1	
	214		51		0000		542		6378 639		427 432		003621	8	003	6	153 153											
			085		0010	2 !	530	3	6386	24	432						153											
	003		5 T 0B5		0020		529		639		432		003619	4	007	3	153											
	003		ST		0030		321		6391 644		432 498		002995	В	010	6	153 153											
			OBS		0030		321		6438		9.8						153	26										
			STI 085	U	0050 0050		l 66 l 66		646 6458		544		002568	1	016	1	152											
			ST	0	0075	20	16		557		593		002108) (022	0	152											
			085 ST	n	0075		116		5568		93		001011				152	56										
			OBS		0100		34		557 5568		15		001911	2	027	U	152 152											
			5.10	D	0125	18	84	31	558	26	28		001791	3 (31	6	152	28										
			085 ST0	n	0125		84		5576 556		34		0017/3			_	152											
			085		0150		156		5560		34		001743	, ,	36	U	152											
			510)	0200		23		55		42	-	001690	3 ()44	6	152	23										
			085 ST0	0	0200		123		5548 553		42		0016670	, ,)53(^	152 152											
			085		0250	18	00	36	528	26	46	,	0010070	′ ′	,,,,,	0	152											
			OBS)	0300		91		51 511		47	(001675	(0614	4	152											
			STO)	0400		68		48		50	(0016781	. (78	1	152 152											
			085		0400		68		478		50						152	39										
			085	,	0500 0500		10		35		54	(0016683	3 (194	9	152											
			STD		0600	15	54	36	05		68	(0015604	.]	110	0	152											
			085 ST0	1	0600 0700	15 13			048		68						152											
			OBS	,	0700	13			665		89		0013653		257	7	151											
			STO)	0800	10			33		13	0	0011258	1	381	l	150	60										
			085 ST0)	0800	10			330	27	13		0009345	,	484		1506											
			085		0900	08	34	35	095	27	32						149											
			510 085)	1000	06 06			04	27		(0007101	1	566	6	149											
	227		085	1	1000	05	76		030	27							149											
			510 085)	1100	05			01	27		C	005924	1	631		149	1 1										
			5 T D)	1100	05 05			012	27 27	65 72	0	1005279	1	687	,	1491											
			085		1200	05			028	27	72				- 0 .		1490											
			510 085		1300	04		35	04 041	27 27		0	004968	1	739	•	1491											
			STD		1400	04		35	0.2	27		0	004781	1	787	,	1491											
			085 510		1400 1500	04		35 35	018	27							1491	8										
			085		1500	04			018	27		0	004636	1	835		1492											
	227	1	280		1572	04	16	34	992	27	78						1493	16										
			STD		1750 2000	03		34 34		278			004717		951		1495											
	227		085		2082	036			977	278		0	004670	- 2	069		1499											
	227		5T0		2500	03	3 1	34		278	85	0	004581	2	300		1505	8										
	221		STD		2582 3000	033		34	958 94	278		0	004297	2	22		1506 1512											
	227		085		3088			34	940	- / (0	00-211	~			1016	,										
	227	(085 5 7 0		35.89 4000	024			920	278		-					1520											
	227	(385		4000	02		34	91 903	278		0	004283	2	951		1527 1529											
	227		DBS	T	4586	02	30	34	397	278	3 9						1537											
	227	(085	Ŧ	4690	022	8 8	34:	898	27E	9 0						1539	6										

Table X1. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE			— ₁			- =	MAR	SDEN	STAT	IDN T	mt		Т	ORIGII	VAT	OR'S	_	DEFT	н м			WAVE		we		CLOUD			NC	ос	
CODE NO.	CODE	LATITU				88	squ	ARE		GMTH		TEAR	c	NO.	STA	MBER		10 80110	5) F		ERVATI		CDI	R	CODES			STA	ABER	
CODE NO.			1/10		1/10		10"	1.	MD (+	_	_	WEEK	-		-,~	PL"S		HGE PE		+-	-+'	7791 0.00			-		
318060	EV	3210	N	070	327w	į	116	20				1968	3 /	467 DC			ᆚ	548	<u>ь</u> 1	5	30		1	X	1	013	1		0	006	
								COLOR	TRANS	-	SPEED	MET		CRY	•	WET	Z1V	NO.		SPEC	TIONS										
								COOL	Im)	DIR	1010	7		\$UL#		BULE	COUR	DEPTH	MS CHS		· IIONS										
								DT	SD	02	512	21	13	239	Т	189	7	24													
	MESSINGE	C 4 (1)	CAR					-	1		T	_	1,	MENIC VOL			Δ D.	٦.,	CUND	T		PO.		TOTAL	Ι.	102-N	NO3-N	51 0			T.
	MESSENGE TIME 0 HB 1/10	ND.	175	ŧ	DEPTH 6	m1	T	. €	5	٠	SIG	M A -1	1	ANGMALT-	10'	On	103		FLOCILL		02 m1/L	N8 -		AB of		g = a1/1	PB - 01/			pН	ç
	HI 1/10		_	\rightarrow		\neg	-		1		+		$^{+}$		-	+ -		+		+		+	+		+		_	+	+		H
	l		S	rn !	0000	,	,	520	36	24	24	23	1	003696	, 3	0.0	000	1	5367	, '		ı	1		1		1	1	- 1		11
	027		089		0000			520	36		24								5367												
			5		0010)		521	36		24		(00370	3 3	0.0	37		5369												
			085		0010			521		236	24								5369												
			51		0020			521	36			23	(003706	7	00	74		5370												
	003		089		0020			521 519	36	237	24			003702) a	0.1	111		5370												
			085		0030			519		240	24			000000	. 0	0.	1		5372												
			51		0050			236	36		25		(00271	8	0.1	75		5309												
			085		0050		Z	236	36	511	25	28							5309												
			5	O	0075			096	36		25		(002330)6	0.2	38		5277												
			089		0075			096		145	25								5277												
			089		0100			987 987	36	58 577	26	0.2	(00203	1	U	93		5253 5253												
			51		0125			934	36		26			001909	i A	0.3	342		5244												
			08		0125			934	36		26		,		, .				5242												
			S		0150			899	366		26		(00182	8	0 -	89	1	5237	7											
			089	5	0150)	1	899	36	597	26								5237												
			5		0200			855	36		26		(00175	? 4	04	78		5232												
			089		0200			855		569	26		,	20177		0.5	65		5232												
			085		0250			833 833	365		26 26			00172	,,	0 -	000		5234												
			51		0300			816	36		26		1	001719	5 5	06	51		5237												
			085		0300			816	36		26								5237												
			5		0400			779	364	49	26	48	(001699	7	0.6	322	1	5242	2											
			OBS	5	0400)		779	364		26								5242												
			S.		0500			706	36		26		(00166	9	0.5	90		5235												
			08		0500			706		344	26		,	201544	۵	1.1	151		5235 5206												
			089		0600			565 565	360		26	67 67		001566	, 0	1 4	. , ;		5206												
			5		0700			329	356		26		(001379	55	1.	98		514.												
			OB:		0700			329	356		26								5142												
			5		0800		1	063	35	35	27		(001125	55	14	23		5062												
			089		0800			063		348	27								5062												
			51		0900			827	350			32	(000925	, 7	1 5	26		4989												
			089		0900			827	350	192	27	32 55		00068	76	1.6	06		4989												
			OB:		1000			623		011	27			00008	0	10	-00		4925												
			5		1100			537	350			67	(000566	8	16	69		490												
			0B		1100			537		28		67			-				490												
				r D	1200			508	351			73	- (00052	+ 1	1	124		4912												
			OB:		1200			508		946		73							4912												
			5		1300			471	350		27		(000490	7	17	774		4914												
			OB:		1300			471		040	27			00067	3 1	1 -	123		4921												
				TD	1400			448	350)3)29	27	78	(00047	3 I	10	123		4921												
			0.85		1500			448	350			80		00046	5 3	1.6	370		4930												
			08:		1500			429		25		80							4930												
				-				-			-																				

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE					1 -1 -	MARSDEN	Τ.	TATION	TI LA E	1		011	GINA	TOP'S	_		MAI.	_	WAVE			Leiene	1			
CTEV ID.	CODE	LATITU	DE L	ONGITUDE	養名	SOUARE	Ή.	IGMI	imi	YEA		CRUISE	51	ATION	\dashv	TO	DEPTH	015	ERVA DO	45	THER	CODES		51	ATION	
CODE NO.			1/10	1/10	- I	10. 1.	MI	DAY	HR,1/10	ļ	_	ND.	NI	MOER	-	BOTTOM	S'MPL"	S Dat	H G# PER	SEA	CDDE	TYPE A M	1	- "	UMBER	
318060	Ev	3227	N O	7103 w	1	16 2		09	061	196	58		007			7106	15	35	(2	x1	013			0007	
						-	WATER		WIRD		A ID		TEM		VIL	HD.	SPE	CIAL								
						CDI	OR TE	ᄤ		1 7	ETES mbal			T3 W	CODE	DEPTHS	OBSERV	2 HORE								
						D1		50 02	+	**	207	23	9	183	7	24										
				T		. 1	-		1-2	-			_			1	Ь		1							п
	MESSENGE TIME	LCAST	CARD	DEFTH I	m1	7 7		s */	\$10	MA-	1	ANDMAL		01	∆. 103	VEL	DCITY	02 ml/l	PO2=7		DTAL=P	NO2-N ug - 01/1	HO3-N HG - 61/1	\$1 D4-\$1 99 - 01/1	рН	Š
	NB 1/16		-	+	-		\rightarrow		+		+			+ ^	10-	+-	-		+	+	-			-		Ĥ
		1	STD	0000	, 1	2514		3642	١,	439	- 1	0035	. 4 2	1	000	1.5	367		1	1				1		ı I
	061		085	0000		2514		36420		439		0033	+03	0.	,,,,		367									
	001		STD	0010		2514		3642		439		00354	490	0.0	35		369									
			085	0010)	2514	4 3	36422	2	439						15	369									
			510	0020		2515		3642		439		0035	561	0.0	71		371									
	003		085	0020		2515		36422		439		0005		0	٠.		371									
			51D 085	0030		2515		3650 36501		445		00350	199	Ų.	106		374 374									
			510	0050		215		3655		554		0024	739	0	166		289									
			085	0050		2159		36548		554				-			289									
			5TD	007	5	2017		3658		594		00210	004	0 4	23	15	257									
			085	007		2017		36582		594							257									
			STD	0100		1934		3658		516		00190) J B	Q 4	273		238									
			085 51D	0100		1934		36581 3658		516 526		0018	143	0.3	320		238 231									
			085	012		1894		36578		526		0010.	>	0.	20		231									
			510	0150		1847		655		536		0017	284	03	64		222									
			085	0150)	1847		6551	21	536							222									
			STD	0200		1821		8655		542		00166	969	04	49		222									
			085	0200		1821		6546		542		0016		0.5	33		222 225									
			51D 085	0250		1803		3653 36527		545		0016	149	0:	33		225									
			510	0300		1779		1650		549		00169	537	0.6	17		226									
			085	0300		1779		6501		549							226									
			STD	0400)	1736		3651	2 (660		0015	3 2 Z	0	778		230									
			085	0400		1736		6506		560							230									
			510 085	0500		1636		3620 36197		560 560		00160	163	0,	38		213 213									
			\$10	0600		1445		5588		578		00144	1	10	91		166									
			085	0600		1445		5875		578		0014	•0,	4.			166									
			510	0700)	1236	, 3	555	26	96		00126	348	1.2	27	15	109									
			085	0700		1236		5547	26	96							109									
			510	0800		0942		521		723		0010	134	1.3	342		017									
			085 510	0800		0942		5208 508		723		00079	201	1.4	33		017 955									
			085	0900		0740		5076		744		0007	, 44	1 7	- > >		955									
			510	1000		0614		504		759		0006	641	15	0.5		922									
			085	1000)	0614	¥ 3	5039	2 '	759						14	922									
			STD	1100		0540		505		769		00055	556	15	66		909									
			085	1100		0540		15049		769		000F		3.4	.10		909									
			510 085	1200		0495		1505 15049		774 774		00050	15/	1 0	19		907 907									
			510	1300		0470		5049 505		777		00048	335	16	68		914									
			085	1300		0470		5048		777							914									
			STD	1400		0440		505		779		00046	570	13	16		922									
			085	1400		0449		5046		779							922									
			STD	1500		0433		503		780		00044	48	17	763	_	932									
			085	1500)	0433	3	5033	2	783						14	932									

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

REFERENCE						SDEN		ATION 1			_	ONCH	IATOR'	,	т.		WAX		WAVE	WSA.	CLOUD			
ctev ID.	CODE	LATITUE	DE I	ONGITUDE E	soi	JARE	51	IGM11	IME	TEAR	c	RUISE	STATIC	N	7	TO TO	DEPTH	085	ERVATIONS	THER	CODES		51	ATION
CODE NO.	-	<u>.</u>	1/10	1/10	10*	1"	MO	DAY	IR,1/10		4	NO.	NUMB	EA	II.	MOTTO	S'MPL"S	DIR.	HGT FER SEA	CODE	TYPE A MI	1	N	UMBER
318060	EV	3247	3N 10	7136 W	116		10		098	196	8	A67 00			5	449	15	36	2 2	× 1	013	1		0008
						WA	-	$\overline{}$	SHI	- 14	RO-	AIR TE	_	- vis		NO. 095.	SPEC	tAL						
						CODE	TEA	PIR.	FORC		eter bel	BULB	M.E		°¶0	EPTHS	ORSERV	TIONS						
						DT	5	D D2	515		13	239	18	9 7	1	27								
	MISSINGE		CARD			-	1		1		Ť.	PECIFIC VOL		≵ ∆ t	D .	sou			PO4=P	1074L-P	NO2-N	NO N	5101-5	
	TIME	NO.	TYPE	DEPTH (M)		1 6		\$ %.	SIG	T-AME	Ι,	ANOMALF-I	102	X 103	M.	VELO		O 2 ml/!	29 - 01/1	24 - 81/I	νg - el/l	NO3-N >9 - 01/I	yg - a1/1	pМ
	HR 1/10	-							-		+		_		_				+					
			I STO	0000	1 2	510	13	649	24	446	١,	003485	7	0000	0 '	153	367		1	'				, ,
	098		085	0000		2510		6488		446						153								
			STE	0010	ä	2511	3	649		445		003492	8.	003	5	153								
			085	0010		2511	_	6488		445						153								
	000		510			2512		649 6488		445		003499	8 8	DO 71	U	153								
	003		085 STD	0020		2512		0400 649		445		00350	9	010	5	153								
			085	0030		2512		6488		445					-	153								
			OBS	0040	i i	2512	3	6495	24	445						153								
			510			2197		661		547		00254	26	016	5	153								
			OBS	0050		197		6608		547					-	153								
			ST0	0075		2025		660 6601		593 593		00210	1	022	3	152								
			STO			1935		659		616		D0189	2	027	4	152								
			085	0100		1935		6588		616		0010					238							
			STE			1869		657		632		00175	8 9	031	9	157								
			085	0125		1869	3	6569	2 (632						152	224							
			ST			1835		655		639		00170	9	036	3		216							
			085	0150		1835		6549		639		00175		04.6	,		216							
			510 085	0200		1804		653 6534		645 645		00165	4.9	044	6		217 217							
			5T(1780		652		650		00162	5.2	052	8		218							
			OBS	0250		1780		6520		650		00101	-				218							
			ST			1770	3	650	2 4	651		00163	5.2	061	0	15	223							
			085	0300		1770		6497	2	651							223							
			ST			1677		629		657		00160	2.4	077	2		210							
			085	0400		1677		6288		657		00170	- 0	003	,		210							
			510 0B5	0500		1465		597 5967		681 681		00139	> U	092	2		157 157							
			ST			1306		566		691		00131	59	105	7		117							
			085	0600		1306		5660		691							117							
			STI	0700		1063	3	535	2	713		00110	3.6	117	8		046							
			QB5	0700		1063		5347		713				.) -	_		046							
			511			0862		514		731		00092	50	128	U		986 986							
			085 STI	0800		D862 0683		5144		731 748		00074	64	136	3		932							
			085	0900		0683		5028		748		000,14	-	0			932							
			STI			0558		503		765		00058	56	143	0		899							
			085	1000		0558	3	5025		765						14	P P A							
			ST			0506		503		771		00052	5 3	148	6		895							
			OBS	1100		0506		5027		771							895							
			OBS	1132		0479		5019 5042		774							689 699							
			085 51	1158		0492		5042 503		775		00049	29	153	7		898							
			085	1200		0473		5026		775		UUU-7	L 7	123	•		898							
			ST			0460		505		778		00046	7.6	158	5		910							
			085	1300		0460	3	5051	. 2	778							910							
			ST			0436		503		779		00046	49	163	1		916							
			085	1400		0436		5025		779		000/:	00	167			916							
			ST OBS	0 1500 1500		0418 0418		501 5012		780 760		00046	UU	167	R		925 925							
			005	1200		0418	- 2	9012		100						1.4	761							

TABLE XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

										,	,										,			
CIET ID.	SHIP	LATITU	101	LONGITUDE	MOC 18	MAR	ARE	STATION IGM	TIME	TEAR	CRUISI		ATOR'S	\dashv	DEPTH TO	DEFIN	DBS	WAVE EBVATIONS	WEA-	CDDIS		2	NODE	
CODE NO.	CODE	•	1/10	1/10	0 2	10"	1.	MO DAY	HR, 1/10		HO.		UMBER		#DTTDA	S'MPL'S	DA	HGT PH 184	CDDE	TTPL AMI		N	UMBER	
318060	EV	3306	N	072025w		116	32	10 09	139	1968	A67	00	9		5303	41	36	2 2	×1	0 3	Ī		0009	
							WA		WIND	IAR		AIR TE		VIS	NO. DBS.	SPEC	IAL							
							CODE	TRANS DI	L OF	D MET		DIT	WET	CODE	DEFTHS	DESERV	TONS							
							DΤ	50 0		23	4 2	56	222	7	32	 								
	MESSENGE TIME	T		.		Т		1	1		T .			_	т-	UND		PO4=7	101AL-P					T,
	TIME HR 1/10	P ND.	CAR	DEPTH	(m i	ı	τ	\$ %.	. S16	5MA-1	AHOA	C VOLU	, o	Δ D.	· VEL	DCITY	D3 w1/1	10 4 m / 1	101AL-P	NO2-N #8 - 95/1	NO3-N Ng - 81/1	\$1 D4-51	p∺	ć
	HR 1710	+				+-		+			1		+	-				1			-			Н
	1	1	51	000	0	۱ 2	562	3652	24	432	003	615	5 '0	000	15	380			'	- 1	1		'	
	139)	085			2	562	3652		432						380								
			5.1			2	562	3652		432	003	619	6 01	036		381								
			085 51			2	562 562	3652 3652		432 432	003	1623	я п	072		381								
	003		085			2	562	3652		432	003	,023	0 0	012		383								
			51			2	562	3652		432	003	627	9 0	109		385								
			085				562	3652		432						385								
			ST				304	3649		507 507	002	920	6 0	174		326								
			0BS				304 126	3648		563	002	399	7 0.	241		285								
			085				126	3655		563	002			4		285								
			5 T	0 010	0	2	006	3656	2 !	595	002	099	1 0	297	15	258								
			085				006	3655		595	001	893		347		258								
			51 085				916 916	3654		518 518	001	893		241		237								
			ST				855	3654		533	001	757	2 0	392		224								
			085				855	3653		533						224								
			51				012	3652		542	001	687	1 0	479		219								
			085				812	3651		542	001		1 0	563		219								
			085				B02 B02	3651 3650		544	001	686	3 0	203		225								
			51				770	3644		546	001	679	3 06	547		223								
			085				770	3643		546						223								
			51 085				638	3618		558 558	001	592	8 01	911		197								
			51				638 473	3587		572	001	480	3 0	964		158								
			085				473	3587		572	001		- •			158								
			5 T	0 060			296	3562	20	590	001	326	3 1	105		113								
			085				296	35618		590				2 2 0		113								
			51 085				073	3533 3533		710 710	001	132	1 1.	228		049								
			51				849	3511		731	000	926	8 1	330		981								
			085				849	3511		731						981								
			ST				559	3503		752	000	710	2 14	412		923								
			085 ST				559 574	3503; 3504		752 764	000	598	2 1	478		923								
			085				574	3503		164	000	ם דיכו	2 1.	410		906								
			51				520	3504	2	770	000	538	4 1	5 3 5		901								
			085				520	3503		770			_			901								
			51 085				484 484	3501 3500°		772 772	000	520	2 1	587		902								
	151		085	T124			449	3498		774						895								
			5 T	0 130	0	0	451	3501	2	776	000	485	9 10	538	14	905								
			085				451	3501		776						905								
			5 T 0 B S				444	3503 3502		778 778	000	474	2 1	586		919								
			57				427	3503		780	000	462	6 1	733		929								
			085	150			427	35025		780						929								
	151		085	171			403	3499		780						955								
			ST				400	3499		780		474		350 368		960								
	151		51 085	D 2000 2180			381 365	3499		782 783	000	469	ь 1	768		018								
	1 7 1		57				331	3497		785	000	450	9 2	198		058								
	151		085	264	5	0	318	3496	2 2	786					15	077								
			ST				295	3495		787	000	444	4 2	+22		129								
	151 151		085 085	3 L 1 . 35 8 C			287 254	3494		787 789						212								
	101		51				234	3492		189	000	428	3 2	58		277								
	151		085				232	3490		789	-00	0		- 0		283								
	151		085	T414			233	3490		789						302								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

+Ct		i			MARTORN	STA 3	HON T	446		$\overline{}$	ORIGIN	ATO*	5	\neg	DERTY	MAX.		WAVE	WEA	. CLOU	1	- 1		. 1
IO: COOK	LATITUE	DE L	ONGITUOE	, See	SOUARE	STAT	ION TI	ME	YEAR	CRU	_	STATIC		\dashv	TO	OFFTH	01	SERVATIONS	THEA	COOF			STATIO	N
10. COOF		1/10	1/10	٩¥٢	10" 1"	MO	DAY H	2,1/10		N	0.	NUMB	ER	_	MOTTOM	S'MPL'S	DIR	HGT PER SE	C001	TIPL AA	17		NUMBE	i.
060 EV	3327	5N 0	172348W	1	16 32	10	09 2	05 1	968	A 6	7 01	0			5158	1 15	0.3	2 2	×1	0 3			001	10
,00	2261	, , ,			WA			IND	DAR	$\overline{}$	A IR TE	MP. T	_	VIS	ND.	SPEC	IAI]						
					COLO	TEANS.	DIR	SPEED	MET	ER	DULB	WE	7 lc	And	OES. OFFIHS	OBSERV	ATIONS							
					_		-	FORCE	+ -	-+		-	-	-	-			-						
	, ,				DT	50	0.6	520	21	3	256	23	-	7	24			٠, , ,			-	_		_
MESSENGE TIME	CAST	CARO	OFFTH W	-1	t to	5	٠/	SIGM	A-T	SPEC	THE VOLU	ME.	E A	20.	201		03 #1/	, POa-P	FOTA L-F		NO3-N	\$104~		
H# 1/10		TYPE	-								D##(1-1		1	103	VELC	CITY		μg = e1/1	29 · 41/5	υg • e1/1	yg - e1/1	NB - 61	/ '	
						T									Į.			1 1						
,		510	0000)	2616	36		239		0.0	3958	9	00	0.0		389								
205		085	0000		2616		266	239								389								
		510			2596	36		240		0.0	3901	8	00	39		386								
		085	0010		2596		268	240				_				386								
		510			2596	36		240		0.0	3906	U	00	78		388								
003		085	0020		2596		268	240		0.0			0.1	1 7		368								
		510			2596 2596	36	27 269	240		UC	3909	4	01	1 /		390 390								
		085 510	0030		2596	36		240		0.0	3177		01	9.0		357								
			0050		2426		908 91	248		00	13111	2	01	013		357								
		085			2276	36		253		0.0	2709		02	4.7		325								
		ST0	0075		2276		688	253		0.	, , , ,	-	0.0	O.L		325								
		STO			2156	36		256		0.0	2373	2	03	25		299								
		085	0100		2156		718	256								299								
		510			2080	36		258		0.0	2184	4	03	82	15	283								
		OBS	0125		20 BD	36	716	256	7						15	283								
		STO			2016	36	58	259		0.0	2125	0	04	36	15	269								
		085	0150		2016	36	583	259	4						15	269								
		STO	0200)	1926	36	60	262	0	0.0	1902	2	05	٦7		253								
		085	0200)	1926		603	262								253								
		STO			1889	36		262		0.0	1841	6	06	31		250								
		085	0250		1889		585	262								250								
		510			1864	36		263		0.0	1010	2	07	22		251								
		085	0300		1864		568	263					091	0.3		251 256								
		STO			1824	36		263		0 (1785	4	0 3	UZ		256								
		085	0400		1824		515	263			7 7 0		10	77		247								
		510			1744	36	38 376	264		U (1728	2	10	11		247								
		085	0500		1584	36		266		nr	1598	6	12	44		212								
		510 085	0600		1584		088	266					4 -	• -•		212								
		510			1401	35		266		0.0	1446	1	13	96		167								
		085	0700		1401		788	268		- '		-	-			167								
		510			1150	35		270		0.0	1229	5	15	30		094								
		085	0800		1150	35	428	270	13						15	094								
		510			0924	35	19	272	5	0.0	01017	1	16	42	15	026								
		085	0900)	0924		188	272								026								
		5 T C			0696	35		274		00	00783	12	17	32		954								
		085	1000		0696		028	274								954								
		510			0550	35		276		0 (0593	6	18	0.1		912								
		085	1100		0550		016	276			00E 20		1.0	٠,		912								
		570			0494	35		277		00	00528	50	18	D /		906 906								
		085	1200		0494	35	016	277		0.4	00500		19	n e		911								
		510 085			0465 0465		016	277		00	JU JUL	- 2	1,	00		911								
		510	1300		0445	35		271		0.0	00485	0	19	5 A		920								
		085	1400		0445		014	277		0 (,,,,,,		.,	, 0		920								
		510			0426	35		27		0.0	00475	1	20	06		928								
		085	1500		0426		006	277				-				928								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7-10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

CTEY ID.			- 1		E MAI	SOEH	STATION 1				RIGINA	TOP"	-		M		WAVE	$ \tau$		CLOUG	1			1
CTET IO.	CODE	LATITU	301	LONGITUDE	501	TARE	IGMT	IME	YEAR	CRUISE		TATION		10	DE	TH DES	ERVATIONS		WEA-	COOLS		5	TATION	
CODE NO.	10001		1/10	1/18	10*	1"	MD DAY	11,1/10		NO.	N	UMBER		10110	2.m	PL'S DIR	HGT PER S	IA.	CDDE	TIPE AMT	1		UMBER	
318060	l EV I	3347	5N	073043w	116			000	1968	A67	011			484	6 1	5 36		2	X 1	0 3	1		0011	
						COLOR		SPEEC	BARG METE	_	OR TEM	WET	VIL	NO.		PECIAL								
						CODE	TRANS DIR.	POIC	[Mba	i lu		iuli	CODI	DEPTH	is Das	S HOIT AVE								
						DT	50 05	520	22	7 24	+4	200	7	28	T									
	MESSENGE TIME	CAST	CAR	Dirin Im		7 %	s */		MA-T	SPECIFIC	VOLUA	ue 3	A D	5	DUND	D2 m1/1	PO ₄ =P	101	IAL-P	NO2-N	ND3-N	SI D4-\$1		15
	HR 1/10	HO.	TYPE	2,718 9	'		,	310	mn-1	AHOMA	.C4-E16		x 103	, \ \AE	LOCITY	02 mi/1	µg = a1/1		~ e1/h	ρg = 01/1	yg - at/1	¥0 - m1/1	pH.	5
																T		T						T
			5.1			539	3626		19	0037	7347	7 0	000		5371									
	000)	085			539	36260		20	003	727/	. ^	037		5371 5373									
			5T 085			539	3626 36262		20	003	1314	• 0	0 3 1		5373									
			51			539	3626		20	0037	7408	9 0	075		5375									
	002		085		2	539	36263	24	20						5375									
			5 T			539	3626		20	0037	7449	9 0	112		5376									
			085			539	36263		20						5376 5378									
			085 51			396	36264 3638		72	0032	2574	. 0	182		5341									
			085			396	36378	24	72					1	5347	,								
			5.7			160	3665		60	0024	247	7 0	253		5295									
			085	0075		160	36648 3659		83	0022) 1 6 2	2 0	311		5295 5273									
			5 T 0 B S	0100		061	36592		83	0022	193	, ,	211		5273									
			5 T			975	3662		08	0019	873	3 0	364		5254									
			085			975	36617	26	80						5254									
			5T			934	3661		18	0018	3961	1 0	412		5241									
			085 ST	0150		934	36614 3661		18	0018	1116	9 0	505		5243 5243									
			085			890	36605		29	0010	, , , ,	, ,			5243									
			5 T			861	3659		35	0017	7702	2 0	595	1	5242									
			085	0250		861	36589		35						5242									
			S1 085			851 851	3658 36575		37	0017	7735	0	683		5248 5248									
			51			805	3652		44	0017	7364	. 0	859		5250									
			085	0400		805	36520		44						5250									
			5 T			754	3643		49	0017	7159	9 1	031		5251									
			085 51	0500		754	36426 3617		57	0016			200		5251 5230									
			085	0600		640	36171		57	0016	,60,	, 1	200		5230									
			5 T			436	3584		78	0014	828	3 1	358		5179									
			085	0700	1	436	35840	26	78					1	5179									
			085	0750		354	35725		86	-011			500		5159									
			51 085	0800		303	3567 35665		92	0013	2242	c 1	500		5149 5149									
			085	0850		225	35545		98						5130									
			085	0880	1	186	35447	26	98					1	5120)								
			5 T			134	3541		05	0012	2393	3 1	630		5109									
			OBS ST	0900		134	35405 3511		26	0010	1120	1	742		5109 5024									
			085	1000		876	35108	27		0010	,130	, 1	. 42		5024									
			5.7			689	35∪5	27	49	0007	7739	9 1	832	1	4968	ı								
			085	1100		689	35047		49						4968									
			5.7			559	3503		65	0006	122	2 1	901		4933									
			085 ST	1200 1300		559 501	35025 3502	27	65	0005	457	, 1	959		4933 4926									
			085	1300		501	35021	27		5003		. 1	. , , 4		4926									
			51.			467	3501	27		0005	193	3 2	012		4929									
			085	1400		467	35008	27							4929									
			ST			447	3501	27		0005	036	2	063		4937									
			085	1500	0	447	35006	27	16					14	4937									

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

ERENCE ID.	SHII		ATITUD	E LI	ONGIFUDE D	SQUARE	STATION T	IME	YEAR	CRUISE	GINA S1	ATION	-	DEPTH TO	MAX, DEPTH DF		WAVE SERVATIONS	WEA- THER	CLOUD		\$	NODC TATION
ID.	COD	<u>' </u>		1/10	1/10		MD DAT	(R.1/10		ND,	NL	MBER	_	MOTTOR	S'MPL"	Dol.	HGT FEE SEA	CODE	ITEL A ALI	i	٨	UMBER
18060	EV	3.	4058	IN O	73331w	116 43	10 10	034	1968	A67	012		-	4389	15	36	2 2	×1	0 3			001
						WAI	ER	MIND	BARC) ·	RTEM		VIS	NO.	SPE	CIAL						
						CDLDR	TEANS DIR.	OF FORC				WET	CODE	OBS. DEPTHS	DESERV	ENGILA						
						DT	SD 05	522		4 23	3	189	7	26								
					T	1	3- 05	1	100			-	_	4			1		. 1			
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		-		STO	0010	2505	3624		28	0036	545	00	37	15								
				085	0010	4505	36239	24	28					15	365							
				STD	0020	2506	3624		28	0036	600	0.0	73									
	0	03		085	0020	2506	36241		2.8						367							
				STD	0030	2506	3624		28	0036	641	0	10		368							
				085	0030	2506	36241 3624		28	0036	701	0	183		368 372							
				STO	0050	2508 2508	3624		27	00 16	/81	0.	103		372							
				085	0060	2285	36548		17						324							
				STO	0075	2181	3669		57	0024	518	0.	260									
				085	0075	2181	36688		57						301							
				STO	0100	2106	3669		78	0022	630	0.	319		286							
				OBS	0100	2106	36688	2.5	78						286							
				STO	0125	2042	3667		94	0021	209	0	373		273							
				085	0125	2042	36668		94						273							
				STO	0150	1956	3659		11	0019	669	0.	+25		253							
				085	0150	1956	36592		11	0010			20		253							
				STO	0200	1905 1905	3661 36609		25	0018	454	0	20		247 247							
				08S ST0	0250	1866	3657		33	0017	1020		b 1 1		244							
				085	0250	1866	36573		33	001	,,,,		- 1 1		244							
				STO	0300	1841	3656		38	0017	7571	. 0	700		245							
				OBS	0300	1841	36564	26	36					15	245							
				STD	0400	1813	3653	26	43	0017	499	9 0	875	15	253							
				085	0400	1813	36528		43						253							
				STO	0500	1761	3645		50	0017	153	1	048		253							
				085	0500	1761	36450		50		77.				253							
				STO	0600	1686	3631		57	0016	129	, 1	218		246							
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				085	0700	1505	35969		72	001					202							
				STO	0800	1313	3566		90	0013	817	1	524		153							
				085	0800	1313	35662		90						153							
				STO	0900	1066	3534		12	0011	620	1	552		080							
				085	0900	1066	35336		12						080							
				STO	1000	0837	3513		134	0009	326	1	756		010							
				085	1000	0837	35129		34				0		010							
				STO	1100	0690	3506		50	0007	637	1	941		969							
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				STO		0486	3505	2 7	175	0005	171	7 2	020	14	937							
				085	1400	0486	35046	2 7	775						937							
				STO		0448	3502		777	0004	977	7 2	071		938							
				OBS	1500	0448	35016	27	777					14	938							

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

THE ID. SHIP LATITUDE LONGITUDE BY SQUARE IGATT YEAR CRUISE STATION TO DEFIN OBSERVATIONS THEE CODES STATION	REFERENCE				Le	MARSDEN	ITATION: T			0.00	GINA	TOPS			MAL			Ι.	1			
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				OBS	1500	0432	35006	277	8					14	931							

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

								_			_					MA			_	1				
REFERENCE	SHIP	LATITUDE		ONGITUDE ES	SOU	ARE .	STAT	ON T	ME	YEAR	CRUIS	ORIGINA	TATION	-	DEPTH	DIPT		WAVE SERVATIONS	WEA-	CODES		5.	TATION	
CODE NO.	CODE		/10	1/10 0 %	10°	11	MOIC	YAY H	R.1/10		NO.		UMBER	_	801108	" S'MPL	'S DIR	HGT FEE ST	CODE	TIPE AM	1	_ N	UMBER	
318060	EV	344551	v 0	74355W	116	44	10 1	0 1	107	1968	A6	7 014	4	1	3292	15	07	1 2	×1	013	i		0014	
						WAT	ER	٧	סמוע	BARG		AIR TEN		VIS.	NO.		ECIAL	1						
						COLOR	TRANS.	OIR.	OF CE	M ETE		DRY BULB	WIT	CODE	DEPTH	OBZER	V ▲ TION							
						DT	50	0.7	515	23	4	233	189	17	25	-		1						
							1		1	1			5	Λρ	1	UND	Τ	, PO4-P	TOTAL-F	NO N	NO3-N	\$104-5		1
	MESSENGI	CAST NO.	TYPE	DEPTH (m)	1	℃	s	٠/	SIG	7- AN	AHO	MALT-XI	;; ē	AN. M	VE	OCITY	02 01	pg - a1/1	μg · 01/1	NO2-N	ug - 01/I	#g - al/l	9Н	c
	HR 1/10	+		+	-		 −		+		-		+		+-		<u> </u>						_	#
	l	1 1	STD	0000	۱ 2.	638	367	7	23	R 9	004	40250	ລ່ວ	000	1.5	394				,			'	
	10	7 (085	0000		638	362		23		• •				15	394								
			510	0010	2	586	362	26	24	05	0.0	3879	3 0	040		384								
		(085	0010		586		258	241					_		384								
			5 T D	0020		556	36		24		0.0	3808	9 0	078		378								
	00	2 (OBS	0020		556 551	36	238	24 24		0.0	3800	<u>.</u> п	116		378								
			510	0030		551 551		235	24		UU.	3000	• 0	- 10		379								
		(DBS STD	0050		551	362		24		0.0	38136	6 0	192		382								
		1	085	0050		551		228	24					_		382								
			085	0062	2	551	362	229	24	13						384								
			STO		2	531	36		24		0.0	37341	8 0	2 R 7		382								
		1	085	0075		531		270	24							382								
			5 T 0	0100		322	364		25		00	2990	3 0	371		339 339								
			DBS	0100		322	36	488	25 25		00	25241	0 0	439		303								
			STO	0125		163 163		55 548	25		00	2024	0 0	4,,,		303								
			085 STD			061	36		25		0.0	2215	3 0	499		281								
			085	0150		061		518	25						1 5	5281								
			51D			934	36	50	26	17	00	1926	4 0	602	15	255								
			085	0200	1	934	36	597	26							5255								
			STO	0.250		882	36		26		00	1834	5 0	096		5248								
			085	0250		982		571	26				• 0	700		5248								
			STO			861	36		26		0.0	1813	7 0	788		5250								
			085	0300		861 799	36	553	26 26		0.0	1745	0 0	965		5248								
			- 5 1 0 085	0400		799		488	26		00	1,42	•			5248								
			510			720	36		26		00	1691	8 1	137	1 1	5240								
			085	0500		720		348	26							5240								
			STD			488	35		26		00	1500	7 1	297		5180								
			085	0600		488		930	26							5180								
			STO			187	35		27		00	1232	5 I	434		5091 5091								
			085	0700		187		488	27		0.0	0003	ο 1	545		5012								
			SID			930	35	21 208	27		0.0	0992	7 1	J 4 3		5012								
			085 510	0800		705	35		27		0.0	0761	5 1	633		4941								
			085	0900		705		055	27		- 0		•			4941								
			510			586	35		27		0.0	0612	1 1	701	1	4911								
			085	1000		586		042	27							4911								
			510		0	488	35		2.7		00	0501	2 1	757		4887								
			085	1100		488		027	2 7			- 1.0		но-		4887								
			STD			456	35		27		00	0484	3 1	806		4891								
			085	1200		456	35 34	007	27	75 76	00	0479	٥,	854		4891 4899								
			STO			436		99 991		76	UU	0419	7 1	۵,۰		4899								
			085 ST0	1300		418	35			79	0.0	0460	0 1	901		4908								
			085	1400		418		999		79	~ 0	0			1	4908								
			510			415	35			79	0.0	0467	6 1	946		4924								
			085	1500		415		996	27	79					1	4924								

Table XI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 7–10 October 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-8060.—Continued

	ID. C	SHIP	LATITUE	DE	LONGITUDE		ARSDEN SQUARE	STAT	ION T	IME	YEAR	CRUISE		TION	\exists	DEFTH TD BOTTOM	MAX. DEPTH OF	I .	WAV	NONS	1.	FA- HER ODE	CLOUD		- 5	NODC TATION	
C006 P	40.		<u> </u>	1/10	1/10	•	10" 1"	MO	DAY	IL 1/10		NO.	NU.	MBER	-	10110#	S'MPL"	D III.	HGf	M1 21	^ `	-	TIPL AM	-	─		
3180	60	Ev	35040	ON (075033w	1	16 55	10	10	142	1968	A67 C	15		- 1	0119	07	07			3 3	K1	0 3	1		0015	
							WA	TER		VIND	DAL	O- AR	TEMP	2	VIS.	NO,	595	CIAL]								
							COLDI		DIR.	39910	1			WET C	001	DEFTHS	DEZERA										
							_	+	 -	FOIC	•		-+-	\rightarrow	_	10			1								
	_						DT	50	10	521	25	1 244	, ,	189	7	18			١,							,	
	M	ESSENGE TIME (CAST ND.	TIPE		1	1 2	2	٠4.	SIG	MA-1	SPECIFIC VI	0LUMP 1167		103 103	VELO	CITY	02 ml/		• • • • • • • • • • • • • • • • • • • •	101A 78 -		NO2-N	NO3-N	\$1 Da-\$ ye - 04/	рн	200
						- 1						i		1		1			1			- 1				1	
				510	0000		2747	36			45	00444	77	0.0	00	154											
		142		085	0000		2747		141		45						417										
				STI			2748	36			44	00445	50	00	45	154											
				OBS	0010		2748		141	23	44	00445	0.6	00	٥.		419										
		001		5TI 0B5	0020		2748	36	142	23		0044	,00	00	07		+20										
		001		511			2750	36			45	00445	96	01	34	154											
				085	0030		2750		155		45	004.	, ,				423										
				5 T 1			2741	36			155	00436	663	02	22		425										
				085	0050		2741		258	2.3						154	425										
				5.1			2636	36		2.3	97	00397	770	0.3	26	154	407										
				085	2075		2636	36	368	23	97					154	407										
				ST	0100		2446	36	43	24	60	00338	343	04	18	15	368										
				085	0100		2446	36	428		60						368										
				ST			2296	36			24	00278	41	04	95		339										
				085	0125		2296		688		24						339										
				5 T			2076	36			67	00238	140	05	60		283										
				085	0150		2076		438		67	0014	126	06	54		283 150										
				STO			1596	36			64	0014	20	00	20		150										
				085 5 T (0200 0250		1596 1506	35	126		64	00144	.72	07	29		128										
				085	0250		1506		913		68	001					128										
				5TI			1245	35			94	00120	5.7	0.7	96		046										
				085	0300		1245		5 38		94			-		150	046										
				5 T			0796	34			29	00086	38	08	99	14	893										
				OBS	0400		0796	34	988	27	29					148	893										
				085	0430		0676	35	018	27	49						852										
				511	D 05∩0		0625	34	98	27	52	00064	• 39	09	75		843										
				085	0500		0625		978		52						843										
				5 T	0600		0525	34			64	0005	341	10	33		819										
				OBS	0600		C 5 2 5		968		64						819										
				51			0495	34			68	00050	24	10	85		823										
				085	0700		0495		976		68						823										
				085	0750		0475	34	981	27	71					14	823										

Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3–4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-I386.

RENCE ID.	SHIP	LATITU	DE	LON	GITUDE 5	MAR SQU	DEN	STATION T		YEAR	CRUISE	RIGINA ST	A TION	=	DEFTH	MAR DEFTH OF		WAVE SERVATION		INEB CODE	CODES		51	IDDC ATION UMBER
HO.	CODE		1/10		1/10	10*	1,2	MO DAY H	R 1/10		NO.	N	DW#F#	_	#O110#	S'MPL'S	DIR.	HGT PLB	38.4	CODE	TYPE AM		_	
1386	ML	3155	N	065	25 W	115	15	12 03 0	008 1	968	A68	001		ļ	4389	16	10	2 3		×1	8 2	l		000
	- 1				'		WAT	ER V	CNIV	BARO	. 1 ^	IR TEM	r. t	1	NO.	SPEC								
							COLOR		SPEED	METE	ı D	RY.	WET	COD	OBS OFFTHS	DESERV	TONS							
							C001	(m)	FORCI	[mba	-	71.8	BULB	+										
								06	514	19	3 2	22	194	17	14	<u> </u>							,	
	MEISENGE TIME 6 HR 1/10	CAST NO.	CAI	10	OEFTH (m)	,	ŧ	\$ *4.	SIG M	A+1	ANOMA	VOLUA 4 (7 - 110	,t 0	A D x 10 ³	. soi	OCITY	03 ml/l	FO 4-		07AL=7	NO3-N +9 - al/l	NO3-N	\$1 04=\$1 44 - 41/1	pM
	ſ								1	_ 1			,		, , ,	213			1		1	l	l	1
				TD '	0000		282	3654	251		002	801:	, 0	000		313								
	008		08		0000		282	36542	251		000	0005		028		315								
				TD	0010		282	3654	251		002			056		316								
				TD	0020		283	3654 36534	251 251		002	815	, ,	0 > 6		317								
	008		0.8		0026		283				007	930		084		318								
				TD.	0030		283	3654 3654	251 251		002	8225		141		321								
				10	0050		282	36540	251		002	022	, 0	. 41		321								
	008		08		0051		282	3655	251		003	820		Z11		325								
	- 0 -			T D	0075		280	36560	251		002	020	2 0	- 11		325								
	008		08		0100		073	3665	258		002	2044	. 0	474		277								
	008		08	TD.	0104		044	36663	259		002					270								
	000			T D	0125		971	3663	261		001	967	9 0	326		253								
				TD	0150		905	3659	262			841		374	. 15	238								
	008		08		0156	1	692	36585	262	2.7					15	236								
			S	TD	0200	1	840	3656	263	3.8	001	722	6 0	463	3 15	228								
	008		08		10206	1	834	36553	26	9					15	227								
			S	TD	0250	1	812	3654	264	44	001	687	1 0	1548	3 15	228								
			S	τD	0300	1	789	3651	264	¥7	001	671	0 (632	2 15	229								
	008		08	5	0310	1	784	36505	264	¥B					15	229								
			5	TD	0400	1	745	3643	265	5.2	001	658	3 0	1799		5232								
	008	ı	08	5	10407	1	740	36425	265	5 3						5231								
			5	TD	0500		648	3626	266		001	588	3 0	1961		217								
	008	l .	0 8	S	0512		631	36233	266							214								
				TD	0600		471	3595	26		001	449	5 1	113		175								
	008		08		T0618		435	35692	268			220				165								
				TD	0700		208	3555	270			228		44		099								
				TO	0800		971	3525	27.		001	032	o 1	360		5028 5006								
	008	3	0.9		0835		898	35172	277		000	832	. 1	45		972								
				TD	0300		782	3512	27			670		528		929								
				TD	1000		1631	3505	_		000	010	0 1	-20		909								
	008	3	08		T1057		1558	35017 3502			000	590	, ,	59		911								
				10	1100		1547		276			1569	-	1641		4917								
				TD	1200)521)495	3501 3501	27			1548		70		4923								
				10	1300			3501	27			1526	-	75		4929								
				10	1400		1469	3500	27			1504		810		4935								
	000			TD	1500)443)405	34991	27		000	704	7 /	1		4944								
	008	3	9.0	15	T1648	,	1405	34991	211	00														

Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

REFERENCE				1 .	MAR	SOEN	STATION	TIME	1	T	ONGINA	ATOR'S		OEF1H	MAX	T	WAVE	WEA	CLOUG	1	T	
TET 10.	CODE	LATITUD	E 10>	COTUDE D	son	SPA	IGMT		YEAR	CRUISE	5	TATION	_	10	DEFTH		EVATIONS	THES	CODES		5	NODC TATION
001 NO.		•	1/10	1/10	10*	1"	MO DAY	HR_1/10	1	NO.	М	UMBER		MOTTOM	S'MPL"	O ML	4 G # 10 11	CODE	TTPE AM	7	^	UM#1#
311386	ML	31565	N 06	6835W	1115	16	12 03	053	1968	A68	00	2		4572	16	10	2 3	×1	8 2			0002
				1		WAT	ER	WIND	IAN	o. L	AIR TEA	AP. C	VIL	NO.	107	CIAL						
						COLOS	TRANS DIR		1		DAY	WET BULE	000			A TIONS						
						COUL	-	1080	-	_	-		+-									
		, ,			_		0.6	514	4 19	3 2	22	194		14	L,							_
	MESSENGE TIME	CAST	CARD	DEPTH Im!	,	τ	\$ 1/4.	SIC	1-AM	EPECIPI	ALY-ET	51 B	ΔD TH. W I 10 ³	sou	ONU	02 ml/l	PO 4-P	707AL-P	NO2-N	№03-Н	SI O4-5	9 Н
	HR 1/10	1 -0.	TYPE		1_								X 10 ³	0211	OCITY		µg − 41/1	μg = a1/l	#9 = 01/I	ыв - e1/I	μg - α1/1	
					1									- (Ì			
			510	0000		200	3655		519	002	788	5 0	000		312							
	053		085	0000		280	36552		519						312							
			STO	0010		280	3655		519		7944		028		314							
			510	0020		281	3655		518	002	799	1 0	056		316							
	053		OBS	0027		281	36550		518						317							
			510	0030		281	3655		518		804		084		318							
			510	0050		261	3655		518	002	8125	> 0	140		321							
	053		085	0053		281	36550		518						321							
			STD	0075		258	3652		522	002	783	2 0	210		319							
	053		085	0079		241	36511		527						315							
			510	0100		067	3658		580	002	239	5 0	273		274							
	053		085	0105		034	36590		590						266							
			STO	0125		964	3658		508		9864		326		251							
			5 T 0	0150	_	897	3658		525	001	829	2 0	373		236							
	053		085	0157		8 6 3	36572		528						233							
			510	0200		843	3654		536	001	744	3 0	463		228							
	053		085	0211		834	36538		538				E . O		228							
			510	0250		814	3652		542		706		549		228							
			510	0300		788	3649		546	001	683	1 0	634		228							
	053		085	0315		781	36476		547				000		229							
			STO	0400		746	3641		550	001	675	L U	802		232							
	053		085	T0420		732	36390		552		400		044		231							
			510	0500		657	3626		560	001	608	9 0	966		220							
	053		085	0527		620	36192		563	٠.٠		, ,	120		212							
			SID	0600		489	3596		675	001	481	۷ 1	120		181							
	053		OBS	10631		427	35863		681		24.		200		165							
			STD	0700		238	3558		598		2641		256		110							
			510	0800		000	3528		719	001	061	3 1	374		039							
	053		085	0842		912	35186		726	000	064	, ,	4.70		012							
			510	0900		606	3514		739		856		470 547		981							
	063		510	1000		650	3507		756 763	000	6831	o 1	141		937 917							
	053		OBS	11054		580	35042			000	600		611									
			510 510	1100		566	3504 3503		765		599; 5749		670		919 924							
				1200		536			768													
			510	1300		506	3502		771		5499		726		928							
			STO	1400		475	3502 3501		774 777		524: 498:		780 831		932							
	06.		STO	1500		445				000	₩78.	. 1	0 5 1		936							
	053		OBS	11593	U	417	35003	2	779					14	940							

187	ID. HO	SHIP CODE	LATIT	UDE 1/10	LON	GITU	DE	PADC 78	5	A ES		\$1.4 M.O	TION		1	AF	CRUISE HD		ATION'S UMBE		017 100 1100	D	DEPT OF STAFFL	۴L			VE TIONS		WEA THER CODE	CO	DUD			NODC STATION NUMBER
31	1386	ML	315	35N	06	741	w	1	11	5	17	12	03	101	19	68	A68	00	3		484	46	0.9	1	09	2	2	_ †	Хl	8	2			0003
										ď	WA	TEM	T	WIND	1	BARO		IP TEN	r t	T	NO	5. 1		ECIA										
											CODE	TRAN	r DII	5M 0	10	M ETE	t t	UL#	W ET	COD	DEPT	S. THS	08568											
				,									0 5	50	8	183	3 2	17	200	7	13	3		Ξ										
		MESSENG TIME HE 1/11	H NO	C.A.		DI	PTH	(m.l		T	7		٠4.	\$1	GMA.	-т	SPECIFIC	VDLUI AL7-11	, 0	1 103		SOU:		0:	m1/1		Da=F		T# (- P	NO;		NO1-N	SIC 4 = S vg ali	
		1		1				^		2.1	7.0	1	, ,	1	541	Ì	000	E 0 0 .	, I	000	Ι,	152	· 6 /					1						J
		10	1	08	T D		000				72		44		541		002	280	, ,	000		152 152												
		10	7		τo		01				74		44		540		002	589		026		152												
				5	TD	0	0.2	0		21	75	3€	44	2	540		002	597	2 0	052	1	152	8.8											
		10	1	08			102				76	36	436		539							152												
					TD		03			_	76		44		539		002	6029	9 (078		152												
		10	1	08			104				76		43		540							152												
					TD		105				76		44		540		002	6099	3 (130		152												
		10	1	08			07				73		435		540					1		152												
					TD		07				73	_	44		540		002	613	, ,	195		152												
		10	1	ОВ	5 T D		000			21	76		437		540 545		002	6 70		260		153 152												
					TD.		112				49		57		585		002			320		152												
		10	1	08			114				80		617		607		002	2070	, ,	220		152												
		10	1		5 T O		115				69		61		609		001	986		372		152												
		10	1	08			119				90		593		628		001	,,,,,	, .	-, -		152												
		10	4		T D		20				85		59		629		001	9104		467		152												
				_	TD		25				45		56		637		001			556		152												
		10	1	08			28			18			536		641		001			- / 0		152												
		10	4		TD		30				18		53		642		001	723	, 0	643		152												
		10	1	OB			138				86		504		648		001					152												
		• -	_		TO		140				80		50		649		001	690	? 0	814		152												
		10	1	0.6			147				30	36	417		655							152												
			-	5	TO.	0	50	0		17	13	36	3.8	2	656		001	652	3 (981	1	152	3.8											
		10	1	60	S	TO	57	1		16	23	36	214	2	664						1	152	21											
				S	Τ0	0	000	0		15	46	36	12	2	675		001	4906	1	138	1	152	00											
					TO		70				86	3 9	72	2	700		001			276	. 1	151	28											
		10	1	OB	S	0	74	0		11	84	35	510	2	703						1	150	97											
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		10	1	08	5	TC	87	3		0.8	56																							

Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3–4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

PERENCE	SMIF	LATITU		NGITUDE \$	MARSDEN	STATION TH	ME YEAR	CRUISE	NGINAT(DEPTH	DEPTH		NAVE SVATIONS	WEA-	CLOUD		١,	NODE TATION
ID.	CODE		1/10	1/10	l l	MO TOAY H	1	NO,	NU	ATEL	BOTTOM	SMPL	S OR	HGT FER 18	CODE	TYPE AM	ī		UMBER
11386	ML	3157	N 06	8555W	115 18	12 03 1	51 1968	A68	004		5304	15	07	1 3	X1	2 6			000
11300	1 75 1	2171	14 00	0000	WA		IND BAR	1	IR TEMP.	₹ VIE	NO.		CIAL					,	
					COLOR		THEO MET	E 0		VET C00	OBS. GEPTHS		ATIONS						
					CODE	uni Dina	TOTAL PUR	-	-	_	_								
						07	503 20	1 2	23 1	94 7	14								_
	MESSENGE	CAST	CAFD	DEPTH (m)	, ,	5 %.	SIGMA-T		VOLUME	E A D	sou	UNO	02 ml/l	PO4-P	TOTAL-P	NO3-N	NO3-N		
	MESSENGE TIME &	NO.	TYPE	DEPTH (M)	, ,	,	3GMA-1	ANOMA	ALT-115"	X 103	, Afri	CCITY	0701	yg = 01/I	yg - 61/1	υφ • α1/š	yg - a1/I	VS - 91/	"
	77.17	_																	Г
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	151		085	0000	2190	36491	2540	_			15	289							
			STD	0010	2190	3649	2540	002	5906	0026		291							
			STO	0020	2189	3650	2540	002	5897	0052		292							
	151		085	0024	2188	36498	2541					292							
			STO	0030	2186	3650	2541	002	5855	0078		293							
	151		085	0049	2180	36492	2543					294							
			510	0050	2180	3649	2543	002	5796	0129		295							
	151		085	0074	2176	36506	2545					298							
			STO	0075	2168	3651	2547	002	5455	0193		296							
	151		085	0098	2008	36577	2596					258							
			STD	0100	2002	3658	2598		0752	0251		257							
			5 T D	0125	1938	3658	2615	001	9230	0301		243							
	151		OBS	0148	1895	36579	2626					235							
			STO	0150	1893	3658	2626		8208	0346		235							
			STD	0200	1852	3656	2635	001	7509	0437		231							
	151		085	T0200	1852	36561	2635					231							
			SID	0250	1831	3655	2640	001	7256	0524		233							
	151		085	0298	1811	36529	2643		3000			235							
			510	0300	1810	3653	2643	001	7083	0610		235							
	151		085	10392	1776	36468	2647			. 7.0		240							
			STD	0400	1774	3646	2647	001	7047	078		240							
	151		085	0494	1721	36383	2654			00.		239							
			STD	0500	1715	3637	2655	001	6642	094		216							
	151		085	T0592	1600	36149	2665	001	6710	111		212							
			STD	0600	1582	3612 3574	2667 2687		5710 3890	125		152							
			STD	0700	1357	35470	2704	001	2030	14)		097							
	151		085	0787	1164	3544	2704	001	1829	138		087							
			510	0800	0897	3521	2731		9551	1494		017							
	161		STD 085	T0983	0738	35068	2744	000		1 . 7		968							
	151		STD	10983	0728	3507	2745	000	8044	158		967							
			STD	1100	0569	3505	2752		7392	165		960							
			STD	1200	0610	3504	2759		6757	173		954							
			STD	1300	0551	3503	2766		6124	179		946							
			STO	1400	0492	3501	2772		5502	185		939							
	151		085	T1478	0446	35002	2776			-		933							
	101		003	11-10	5 4 40	,,,,,,	2												

FERENCE T IO.	SHIF	LATITU	DE	LONG	SITUDE	100	34.44 SC	RSDEN UARE	STA	TION TI	ME	YEAR	CRUIS		ATOR'S	4	1	DEPTH TO	MAX. DEPTH OF	06	WAVE SERVATION	45	THER	CLOUD			NODC STATION
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								COLOR	TRAN!	DIR.	SPEED OF	MET	ER	DAY	WET BULS	cos	be o	ORS EPTHS	OBSTRV								
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	199		089		001			2187	-	492		41	00	23.,			•		296								
	195		OBS		20			2181		491		42							299								
	19:	2	51		00			2175		50		45	00	2571	4	019	6		298								
	199		089		00			2066		655		86	00	2 - 1 4			_		275								
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			51		021			1917		61		22	0.0	1874	8	045	2	15.	250								
			s i		02			1891		60		28		1835		054	5	15.	251								
			51		0.3			1865		58		34		1804		063	6		252								
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			5		0.5			1761		49		53		1685		098	5	15.	253								
	199	F,	089		T05			1710		352		54						15	253								
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	100	5	085		0.7			1352		748		8.8						15	166								
			5		08			1346		74		89	0.0	1393	3	146	6	15	165								
			S'		0.9			1055	35	39		18	0.0	1102	5	159	1	15	077								
			5		10			0818	3.9	12		36	00	0910	2	169	2	15	002								
	199	5	089		T10			0818	3.9	117	27	36						150	002								
				r D	13			0745	3.5	10	27	45	00	0824	4	177	8	14	990								
			5		12			0671		07		54		0741		185	7	14	978								
			s.		13			0598		0.5		62		0660		192	7	14	965								
				TD.	14			0524		03		69		0582		198	9	14	952								
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Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3-4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

							91-190	86.—C	Jiitiila	ic a								
REFERENCE	SHIF	LATITU		ONGITUDE	MARSOEN SOUARE	STATION T	IME IME	ORIGIN		DEFTH	MAZ. DEPTH		WAVE ERVATION	wi	A- CLOU	0		NODE
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			510	0020	2203	3649	2536	0026344		15	296							
	23,	2	0B5 5T0	0025	2201 2200	36488 3649	2536 2537	002628	1 0079		296 296							
	2.2		510	0050	2196	3650	2539	002617		15	299							
	23	2	OBS STD	0050 0075	2196 2192	36501 3649	2539 2539	0026255	0197		299 302							
	23	2	085 510	0075	2192 2185	36488 3651	2539 2542	002601	2 0262		302 304							
	23	2	OBS	0100	2185	36509	2542			15	304							
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			510 5 1 0	0250	1870 1842	3658 3656	2632 2638	0017986			245 245							
	232		085 085	0301 T0398	1641 1804	36555 36509	2638 2643			15	245							
	234	2	510	0400	1804	3651	2643	0017426		15	249 250							
	232	2	51D 085	0500 0502	1764 1763	3646 36462	2650 2650	0017131	0999		254 254							
	232	,	5T0 0B5	0600	1690 1688	3631 36303	2656	0016815	1169									
	234	2	510	10602 070 0	1513	3599	2656 2672	0015415		15	246 205							
	237	,	510 085	0800 0804	1305 1296	3568 35663	2693 2693	0013524	1475		150 148							
			510 510	090 0 1000	1024 0792	3534 3507	2719 2736	0010824		150								
	232	?	085	T1009	0774	35055	2738			14	986							
			510 510	1100	0716 0691	3505 3504	2745 2754	0008154			979 970							
			510 510	1300 1400	0587 0523	3503 3502	2761 2768	0006637	1929		961 951							
			510	1500	0458	3501	2775	000517		14	942							
	232	?	085	T1516	0448	35006	2776			14	940							
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Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3–4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

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			510	0300		798	3651	264		00169	25	0606	15	232							
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Table XII. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 3–4 December 1968, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1386.—Continued

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Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6–8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.

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CODE NO.	LATITUGE	LOHGITU		MARSOEN SQUARE	STATION THE		TEAR		LTOR'S FATION UMBER		TO OTTOM	MAE. OEPTH OF S'MPL'S	0858	WAVE BVATIONS	WEA- THER CODE	CLOUD CODES		1 5	NODC TATION UMBER
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113			0101 0125	1861 1842	36588 3657	263 263		001693	7 02	252	152								
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Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

	5HIP 3005	LATITUOE 1/1		NGITUDE 1/10	88	MARSOEN SQUARE	te	ON TIME GMT)	YEAR		STATIC)N	DEFTH TO SOTTOM	MAX OEPTH OF S'MPL'S	085	WAVE SERVATION	\$ 11	HER ODE	CLOUB			NODC STATION NUMBER]
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	005	0 8	35	0034	4	2114 2081	365 365	59 2	565	00235		0083		275 267									
	005	0 6	510 35	0050		1987 1969	365 365		603	00200	94	0126	157	245 240									
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			10	0100)	1783	365	1 2	649	00158	78	0214	15	194									
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		:	TD	2500)	1755	364	9 2	654	00157	0.8	0370	152	202									
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	005	0.6		T0267	7	1740 1725	364 364	70 2	656	00157		0528		209									
	005	0.6	35	T0320)	1713	364	06 2	658				152	209									
			STO STO	0400		1648 1515	362 360		676	00154		0684 0834	152										
	005	0.6		0531	1	1462 1303	359 357	52 2	681	00128		0970	15	161									
	005	QE	S	06.82	2	1125	354	46 2	710				151	166									
			TO	0700		1083 0872	354 352		714 738	00109		1089 1187	150										
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	005	9	TD	1000)	0594	350	4 2	761	00062		1332	149	914									
			TD.	1100		0562 0530	350 350		765 769	00059		1393 1452	149										
			TD	1300		0499	350 350		772	000530		1507 1559	149										
		9	TD	1500)	0435	350	2 2	778	00048		1609	149	32									
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311484 HU	32	1/10 ?14 N	070	35 W	11	6 20 0 WATI	IGA MO DAT D6 03	WIND IR. OF STEEL	1969 EARC METI (mbc)	A69 DO AIR TEI ORY IULB 6 228	MP. C	5 VIL CODE D	300 NO. 085. 087.	OEPTH OF OF MPL'S 16 SPECIA	14 2	2 2	X]	1	B 6		31	MAER	CT.
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311484 Hu	14 Ga C C C C C C C C C	N10 CA44 N	070	0000 0000 0010 0011 0020 0034 0053 0075 0080 0100	111	2281 2281 2281 2281 2280 2211 2211 2280 2211 1973 1846 1830 1830 1802	GA GA GA GA GA GA GA GA	MR.1/10 MR.1	1969 EARCONNECTION OF THE PROPERTY OF THE PROP	A69 00 00 00 00 00 00 00	STATION STAT	55 VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	300 No. No. No. No. No. No. No. No. No. No.	OFFICE OF THE PROPERTY OF THE	14 2	PO4-P	X]) i	8 6		ST NI 	0004	5 C C
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311484 MC	DI 32 32 32 32 32 32 32 32 32 32 32 32 32	N CAA CAA N	070	0000 0000 0000 0010 0020 0030 0050 0050 0050 0050 0050 005	11	2281 2281 2281 2280 2280 2280 2280 2280	1 1 1 1 1 1 1 1 1 1		1969 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CRUISE NAME	STATION NOT MEET 44 44 45 46 47 47 40 47 40 40 40 40 40 40	55 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	153 153 152 152 152 152 152 152 152 152 152 152	0 prints 16 17 16 17 17 17 17 17	14 2	PO4-P	X]) i	8 6		ST NI 	0004	100
311484 MC	773 773 773 773	N CAA	070	0000 0000 0000 0010 0020 0030 0034 0050 0010 0010 0010 0010 00125 00150 0010 001	11	2281 2281 2281 2280 2280 2280 2280 2280	1	Text Text	1969 1177 1177 1186 1177 1186 1177 1186 1177 1186 1177 1186 1196	DO 2807 00 2807 00 2807 00 2588 00 20 2796 00 2588 00 20 221 00 16 97 00 16 30 00 16 15 00 16 02 00 16 12 00 15 79 00 16 43	STATION WEST NO. 10 M S NO. 10 M	55 080 055 080 124 170 212 252 2593 373 453 533 845 981	300 NO. NO. NO. NO. NO. NO. NO. NO. NO. NO.	00 pm of 00	14 2	PO4-P	X]) i	8 6		ST NI 	0004	200
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Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6–8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE	SHIP	LATITUI		AGITUDE 28	MARSDEN SQUARE	STATION TO	ME YEAR	ORGINATO	-	DEPTN	MAX DEPTH	ORSE	VAVE EVATIONS	WEA.	CLOUG		Pi Ci	ODC
CODE NO.	CODE		1/10	SITUDE BY		MO DAY H		NO. NUM		MOTTON	OF S'MPL"S		GT PID 38		(19) A U.1		NI	DW BES
311484	НU	3252	N 107	135 w	116 21 WAT		29 1969	4 IB 1544B	9	303	17	14	3 2	×1	8 6		(0005
					COLOR		THEFD WE	TER ORY W	VIS CODE	ND. OBS. DEFIHS	SPEC OBSERVA	TONS						
					CODE	14	S15 15	-	22 7	14								
	MISSENCE SIMI	G.17	CARD		Τ .	T			₹ A D	sou	NO.		PO4=P	1014 L-F	NO2-N	NO3=N	SI Q4-51	
	HR 1/10	NO.	TYPE	DEPTH (m)	1 10	5 *4.	SIGMA-T	ANOMALY-110*	X 103	VELO		02 mi/l	28 - 6171	98 × 8171	νg - αl :	μg = 01.7		рн
										1								
	129	,	510 085	0000	2340 2340	3655 36553	2501 2501	0029538	0000	15:								
	124	'	STO	0010	2340	3655	2501	0029585	0030	153	329							
	129)	OBS STO	0011	2340 2263	36552 3657	2501 2525	0027370	0058	15	329 312							
			STO	0030	2189	3658	2547	0025336	0084	15	295							
	129	1	085 510	0035	2156 2076	36582 3659	2556 2579	0022367	0132	157								
	129)	OB5	0055	2054	36591	2585			15	264							
	129)	510 085	0075	1995 1973	3659 36594	2601 2607	0020367	0186	157								
			STD	0100	1930	3660	2618	0018796	0234	15								
	129)	085 ST0	0110	1909 1889	36600 3659	2624 2628	0017934	0280	157	233							
			STD	0150	1861	3658	2635	0017413	0325	15	226							
	129)	OB\$ STO	0165	1648 1829	36579 3657	2638 2642	0016888	0410	15								
	129)	OBS	T0218	1820	36558	2643			15	225							
	129	,	STO OBS	0250 T0278	1607 1 79 5	3654 36521	2645 2647	0016751	0494	15.	226 227							
			STO	0300	1786	3651	2648	0016638	0578	15	228							
	129	9	0BS ST0	T0330	1772 1750	36486 3643	2650 2651	0016701	0745		229 233							
			STO	0500	1659	3627	2660	0016063	0908	15	221							
	129	2	0 B S 5 T D	0551	1586 1443	36158 3592	2669 2682	0014112	1059		205 165							
			510	0700	1181	3552	2705	0011977	1190	15	090							
	129		510 085	0800 0809	0959	3523 35213	2722	0010266	1301		023							
	12	*	510	0900	0787	3514	2742	0008260	1394	14	974							
	129		ST0 085	1000 11098	0644 0531	3507 35022	2757 2768	0006749	1469		934							
	16	,	STO	1100	0531	3502	2768	0005623	1530		905							
			ST0	1200	0507 0484	3501 3501	2770 2772	0005483	1586 1640		912 919							
			510	1400	0461	3500	2774	0005178	1693		926							
			510	1500	0438	3499	2776	0005015	1744	14	933							
	129	9	OBS	T1655	0402	34980	2779			14	944							
PEFEPENCE	129	9	OBS	T1655				QRIGINAT	ners T		MAX	ī	WAUS		Тегоно			H000
DEFERENCE CLAY IO.	SNIP COOE	P LATITU	DE LO	INGITUDE 28	MAPSDEN SOUARE	STATION T	IME YEAR		TION	DEFTH TO BOTTOM	M AX DEPTH OF		WAVE ERVATIONS	0.000	CLOUC		5	NODC TATION
C187 IO.	SNIP	LATITU	1/10	NGITUDE 58	MARSDEN SOUARE	STATION T	IME YEAR	CRUISE STA	TION MBEP	DEFTH TO BOTTOM	MAX DEPTH OF STMPL'S	0.9	HGT PLE SI	THER	1791 A-M		5	MOITAT
C197 10.	SNIP		1/10	INGITUDE S	MAPSDEN SOUARE 10" 1" 116 32	STATION TIGHT	IME YEAR	9 A 6 9 00 6	TION MEET	DEFTH TO BOTTOM	MAX DEPTH OF S'MPL'S	16	HGT PLE SI	THER CODI	1791 A-M		5	PERMU
C187 IO.	SNIP	LATITU	1/10	NGITUDE 58	MAPSDEN SOUARE 10" 1" 116 32	STATION TIGATI	192 196 VIND BA SPIED ME FOICE IN	CRUISE STAND. 9 A 6 9 00 6 NDO- ETER DRY INDEED BULE E	TON MBEP	DEFTH TO BOTTOM	DEPTH OF STMPL'S	16	HGT PLE SI	THER CODI	1791 A-M		5	PERMU
C187 IO. COOR NO.	SNIP COOE	3330	1/10	NGITUDE 58	MAPSDEN SOUARE 10" 1" 116 32 WA	STATION TIGMTI	192 196 VIND BA SPIED ME FOICE IN	CBUISE NO. 9 A69 006 A18 TEMP ETER BULE E 52 228 2	TON WEEF VIS.	DEFTH TO BOTTOM 5121 NO. OBS DEFTHS	DEPTH OF S'MPL'S 16	16	HGT PLE SI	THER CODI	1791 A-M		5	PERMU
C187 IO.	SNIP COOE	3330	1/10	NGITUDE 58	MAPSDEN SOUARE 10" 1" 116 32 WA	STATION TIGMTI	192 196 VIND BA SPIED ME FOICE IN	CRUISE STAND. 9 A 6 9 00 6 NDO- ETER DRY INDEED BULE E	TION MEET VIL CODE	DEPTH TO BOTTOM 5 1 2 1 NO. 085 DEPTHS 1 4	MAX DEPTH OF S'MPL'S	16	HGT PLE SI	THER CODI	1791 A-M		5	0006
C187 IO.	SNIP COOE	3330	1/10 1/10 N 07	1// 10 E 28 8 8 7 2 3 5 W	MAPSDEN SOUARE 10" 1" 116 32 WA COLOR CODE	STATION T IGMTI MO DAY H 06 03 TER STANS DIR.	YEAR YEAR	CBUISE NO. 9 A69 006 A18 TEMP ETER BULE E 52 228 2	TON WEEF VIS.	DEPTH TO BOTTOM 5 1 2 1 NO. 085 DEPTHS 1 4	DEPTH OF STAFL'S	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	SNIP CODE HU	3 3 3 0	LQ LQ NA O 7	17/10 E 18/0 E 1	MABSDEN SOUARE 10" 1" 116 32 WA COLOR CODE	STATION T IGMT! MO CAY HOO 03 TER STATION TO IGMT! TRANS DIR. 16 5 */	YEAR YEAR	CBUISE NO. 9 A69 006 A18 TEMP ETER BULE E 52 228 2	TION MEET VIL CODE	DEPTH TO BOTTOM 5121 NO. OBS DEPTHS 14 SOCYULU VELV	MAX DEPTH OF S'MPL'S 16 SPEC OBSERV	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	SNIP COOE	3 3 3 0	CARO TYPE	PEFTH (m)	MAPSDEN SOUARE 10" 1" 116 32 WA COUCE COUC	STATION T IGMT! MO CAY FO CO CO CO CO CO CO CO CO CO CO CO CO CO	YEAR	CPUISE STAND. 9 A69 006 APO- AIR TEMP ETER DBY NDH BULE E 52 228 3 SHICIPIC VOLUME ANOMALT—E197	TON MEEP VIL COOL VIL	DEPTH TO BOTTOM 5121 NO. OBS DEPTHS 14 SOLVEL!	DEPTH DEPTH OF STAFFL'S 16	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	SNIP CODE HU	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	CARO 1776 STO OBS	DEFTH (m) 0000 0000 0010	MARSDEN SOUARE 10" 1" 116 32 2" WA COLOR CODE 2454 2454 2451 2451	STATION T IGMTI MO CAY 06 03 TER	THE TEAM OF THE TE	CBUISE STA	TION MARE VILL VILL VILL VILL VILL VILL VILL VIL	0 E F T H T O BOTTOM SOTTOM OBS OBS OBS THS 14 SOTTOM VEL 15 15 15 15 15	MAX DEPTH OF S'MPL'S 16 SPEC OBSERV	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	MESSING FINAL HE TALE	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	CARD 1776	DEPTH (m)	MARSDEN SOUARE 10" 1" 116 32 WA COLOR CODE 1" 1" 12 12 12 12 12 12 12 12 12 12 12 12 12	STATION T IGMTI MO CAY	IME YEAR 192 196 VINO BA STITEO IM FOLICE IM 521 1 51GMA-1 2453 2454	CBUISE STA NU 9 A69 006 A90 A90 A91 ENT ENT ENT ENT ENT ENT ENT ENT ENT ENT	TON MEEP WET COOLUGE COOLUGE	0697TH TO BOTTOM 5121 NO. OBS DEFTHS 14 SOLVELU 15 15 15 15 15 15	MAX DEPTH OF S'MPL'S 16 SPEC OBSERV	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	MESSING FINAL HE TALE	3 3 3 0 CASI NO.	CARO 1778 STO OBS STO OBS STO OBS	0000 0000 0000 0000 0000 0010 0020 0002	MARSON SOUARE 10° 1° 1° 1° 1° 1° 1° 1	STATION T (GMT) MO CAY 06 03 178	Temp Temp	STEP STEP	TION WARP TO USE CODING TO CODING T	DEFTH TO SOLUTION	MAX DEPTH OF S'MPL'S 16 SPEC OBSERV 353 353 354 351 344 343	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO. COOR NO.	MESSING FINAL HE IZED	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	CARO TYPE STO OBS STO OBS STO OBS STO OBS	0000 0010 0010 0010 0010 0010 0010	MASSON SOUARE 10° 1° 1° 1° 1° 1° 1° 1	STATION T IGMTI MO GAT 100 TER	Temple T	CPUISE STANO. NO. 9 A69 006 NO. 10 STANO. 1 STAN	TION WEEP VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	0EFTH TO BOTTOM 5121 NO. 085 DEFTHS 14 SOLVEU	MAX DEPTH OF S'MPL'S 16 SPEC OBSERV 353 353 354 354 351 344	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	MESSING MAN 1/10 MESSING MAN 1/10 19: 19:	12 CAS1 NO.	C440 N	0000 0000 0010 0010 0010 0010 0010 001	MASSIEN SOUAH 10° 116 32	314 TION T (GMT) MO QAY I (GMT) MO QAY I (GMT) TER	TRANS TRAN	STEP STEP	TION WARP TO USE CODING TO CODING T	OEFTH NO. OEFTH NO.	DEPTH OFFIS MAIN OFFIS MAIN OFFIS MAIN OFFIS MAIN OFFIS MAIN OFFI	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	MESSINGE PMS 1750 197	12 CAS1 NO.	C480 1776 STD OBS STD	0000 0000 0010 0010 0010 0010 0020 0030 003	MARSON SOUARE 107 116 32 WA COLOR COLOR COLOR 24 54 24 54 24 51 24	STATION T GMT1 MO CAY 1- 00 3 TER	NE TEAP TE	Section Sect	TION WEEF VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	OBSTH 100 101 100 101 100 101 100 101 100 10	166 SPEED VIND OCCUTY 353 353 354 354 351 318 317 287 287 285 268	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	MESSING MAN 1/10 MESSING MAN 1/10 19: 19:	3233 Cast No.	C440 17/0 N 077 STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS	0000 0000 0010 0010 0010 0010 0010 001	### APPOINT SOURH 10° 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	STATION T (GMT) 00 03 17 00 03 17 16 16 16 16 16 16 16 16 16	TEAP TEAP	CRUST STAN	TON MART OF LONG OF L	DEFTH TO DOTTOM TO DOTTOM TO DOTTOM TO DOTTOM TO DEFTH TO	DIPTH 16 OBSERV	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	SNIP COOE HU HU HI 1/10 193	3233 Cast No.	C440 N 077 C440 TYPE STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO OBS STO	0000 0000 0010 0010 0010 0010 0010 001	MASSIN SOUAH 10° 1 116 32 WA COLOR CODE 11 12 454 2454 2451 2451 2451 2451 2269 2263 2129 2124 2044	STATION T (GMT) OG 03 T (GMT) OG 03 T (GMT) OG 03 T (GMT) 10	NE TEAP TE	Section Sect	VILL VILL VILL VILL VILL VILL VILL VILL	DEPTH SOITOM 14 SOITOM 15 15 15 15 15 15 15 1	160 SPEROVING TO S	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Ca-Si	0006
C187 IO.	SNIP COOE HU HU HI 1/10 193	32333 (CAS) (M NO.	STO OBS STO OB	0000 0000 0000 0000 0010 0020 0030 0031 0075 0075 0010 0102 0155 0160 0155	### SOUNT 10° 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3636 3636 3658 3658 3658 3661 3661 3662 3662 3662 3662 3661 3662 3662	Ne TEAP TE	Section Sect	VI VI VI VI VI VI VI VI	DEFTH TO DOTTOM	16 SPECONSELV 10	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	MESSING MESSIN	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	STO OBS STO OB	0000 0000 0000 0000 0010 0010 0010 001	### APSDIN SOUAH 19" 1 116 32 1 116 32 1 116 32 1 116 32 1 116 32 1 116	3636 3647 3658 3658 3658 3658 3661 53662 3662 3662 3662 3662 3662 3662 366	TEAP TEAP	System System	TON WHEEP CONTINUES CONTIN	DEFTH TO DOTTOM	166 SPECONSERVUL NO NO NO NO NO NO NO NO NO NO NO NO NO	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	SNIP COOL	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CAND 1/10 CAND 1/10	0000 0000 0000 0010 0010 0010 0020 0030 0051 0075 0075 0100 0112 0115 0115 0116 0100 0100 0100 0100 0100	### SOUNT 116 32 116 32 116 32 116	3636 36364 36364 36364 36364 36364 3647 3656 3658 3658 3658 3658 3658 3658 3658	NE YEAP 190	Section Sect	VI VI VI VI VI VI VI VI	15 15 15 15 15 15 15 15 15 15 15 15 15 1	16 0151117 16 0151117 353 353 353 354 351 343 351 343 318 317 285 267 250 249 243 242 243	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	SNIP COOL	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CARO 1/10 N 07 N 07 N 07 N 07 N 07 N 07 N 07 N 0	0000 0000 0000 0010 0010 0010 0010 001	### SOUNT 100 1 116 32 1 116 32 1 116 32 1 116 32 1 116 32 1 116	36 36 36 4 76 36 58 36 58 36 58 36 58 36 58 36 58 36 58 36 58 58 58 58 58 58 58 58 58 58 58 58 58	Ne TEAP TE	Page Page	TON WHEEP CONTINUES CONTIN	155 15 15 15 15 15 15 15 15 15 15 15 15	DIPTH 10 PTH 10	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	SNIP COOL	33330 (cas) No.	C+10 TM O 7 O 85 STO OBS	0000 0000 0000 0010 0010 0010 0010 001	### SOUNH 19" 1 116 32 1 116 32 1 116 32 1 116 32 1 116 32 1 116 32 1 116 11	3636 3636 3636 3636 3658 3658 3658 3658	TEAP TEAP	Section Sect	TOMMER WILL CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF T	SOISTHM SOISTM	MAT DIFFINATION OF THE PROPERTY OF THE PROPERT	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	######################################	33330 (cas) No.	C410 1/10 C410 1/10	0000 0000 0000 0010 0010 0010 0010 001	### SOUNT 116 32 32 32 32 32 32 32 3	3636 3636 3636 3636 3636 3636 3636 363	NE YEAP 190	Section Sect	TOMMER OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF T	15 15 15 15 15 15 15 15	MAT DIFFIL OF SERVICE	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	######################################	32330 a 2 casi no.	CAND 1/10 CAND 1/10	0000 0000 0000 0010 0010 0010 0010 001	### SOUNT 100 11 11 11 11 11 11	3636 36364 3636 363661 36561 3661 3661 36561 36661 36561 36641 36561 365	TEAP TEAP	Page Page	100 Malf 100 Malf	15 15 15 15 15 15 15 15	MAT DIFFIL OF STREET OF ST	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	Supplement Sup	32333 32333 2 Cast 1 2 Cast 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	C+10 1/10 C+10 1/10	0000 0000 0000 0010 0010 0010 0010 001	### SOUNT 100 11 11 11 11 12 12 1	3636 36364 3636 36364 3636 36364 3658 3658 3658 3658 3658 3658 3658 3658	TEAP TEAP	Page Page	100 Miles 100 Mi	OPETH NO. OPETH NO.	353 353 353 354 351 352 353 354 351 364 351 364 367 287 287 287 287 287 287 287 287 287 28	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	199 199 199 199 199 199 199 199 199 199	32333 32333 2 Cast 1 2 Cast 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	C410 1/10 C410 1/10	0000 0000 0000 0000 0010 0010 0020 0030 003	### SOUNT 116 32 116 32 116 32 116 32 116 32 116 32 116 32 116 32 116 32 116 32 116 32 116 32 116 32 32 32 32 32 32 32 3	3636 3636 3636 3636 3636 3636 3636 363	New Teap 190	Page Page	1000 Miles 1000	OFF OFF	353 353 353 353 354 351 352 353 354 351 351 352 353 354 351 287 287 258 258 258 258 258 258 258 258 258 258	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO. COOR NO.	Supplement Sup	32333 32333 2 Cast 1 2 Cast 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CAND 1/10	OLIFTH (m) 28 235 W	### SOUNT 100 11 11 11 12 12 12 1	3636 36364 3636 3636 3636 3636 3636 3658 3658 3658	TEAP TEAP	Page Page	0000 0034 0000 0034 0000 0000 0000 0000	OPETH SOLUTION SOlution Solution S	MAT DIFFILM TO THE PROPERTY OF	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO. COOR NO.	199 199 199 199 199 199 199 199 199 199	32330 Cast Cast No.	C+10 T-10	0000 0000 0000 0010 0010 0010 0010 001	### SOUNH 197 1 116 32 1 116 32 33 33 33 33 33 33 3	3636 36364 3636 36364 3636 36364 3636 3658 3658 3658 3658 3658 3658 3658	TEAP TEAP	Capacit Standard	100 Malf 100 Malf	OBSTHM OBSTM OBS	MAT DIFFIL OF THE PROPERTY OF	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO. COOR NO.	Supplement Sup	32330 Cast Cast No.	CAND 1/10	0000 0000 0000 0000 0000 0010 0020 0030 003	116 32 WA COLORD WA	3636 3636 3636 3636 3636 3636 3636 363	New 1970 192 196 1970 197	Page Page	100 Miles 100 Mi	OBSTH OBST	MAT DIFFIL OF THE PROPERTY OF	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	199 199 199 199 199 199 199 199 199 199	32330 Cast Cast No.	C+10 1/10 C+10 1/10		### SOUNT 100 11 11 11 12 12 12 1	3636 3636 3636 3636 3636 3636 3636 3658 5366 1 3662 3666 1 3662 3666 1 3662 3667 3656 1 3662 3661 3661 3662 3661 3661 3662 3661 3661	TEAP TEAP	Page Page	100 Malf 100 Malf	OBETH OBET	MAT DIFFILM TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL TO THE TOTAL	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO.	199 199 199 199 199 199 199 199 199 199	32330 Cast Cast No.	C 1/10 C 1/10	0000 0000 0000 0000 0000 0010 0020 0030 003	116 32 WA COLORD WA	3636 3636 3636 3636 3636 3636 3636 363	TEAP TEAP	Section Sect	100 Marrier 100 Ma	OBSTHM O	MAT DIFFIL OF STATE O	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006
C187 IO. COOR NO.	199 199 199 199 199 199 199 199 199 199	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CAND 1/10	OCO OCO	116 32 120	3636 36364 36364 3636 36365 36365 36561 3661 3661 3661 3	TEAP TEAP	Page Page	100 Milit Committee Commit	OBSTHM OBSTM OBS	353 353 353 353 354 351 353 354 351 351 352 353 354 351 351 351 351 351 351 351 351 351 351	16	BERVATIONS HIGH SI 3 2	THER COOL	6 8	NO3-N	SI Oa-Si	0006

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

								4.—C		u								
CTOY ID.	SHIP CODE	LATITUDE	ıc	NGITUDE E	MARSOEN SQUARE	STATION TO	ME		NATOR'S STATION	DEPTH TO	MAX DEFTH	OFF	WAVE	WEA- THER	CLOUD			NODE
311484	+ - 1	333055			+ "- +-" +	MG DAY H		NO	NUMBER	BOTTOM	S'MPL'S		HGT PER SE	CODE	178 A.M	7		UMBER
311484	•1 HU [33395N	101	7249 W	116 32 WA	06 03 2	CIND	9 A69 OC	MP TC	4938 NO.	20	16	2 2	X 8	8 6			0007
					COLOR	TRANS DIR.	IMEO MI	ETER DRY	WET COD		DBSERVA							
						16	10-01	42 228	222 6	15		_						
	MESSENGE TIME	CAST	TARD	DEPTH (m)	1 %	5 %.	SIGMA-T	MECHIC VOL	ME E DO	sou		03 ml/l	PO ₄ -P	10141-7	NO2-N	NO3-N	\$10 ₄ =\$1	
	HE 1/10	-	1172		-	-		ANDMALT-E	1 103	, ALTO	CITY	0 3 mizi	ν φ * 81/ 1	ug = 61/1	ug - g4/1	yg = 61/1	yg - 01/1	pМ
	1	1	STO	0000	2457	3638	2454	003408	5 0000	153	154							
	228	0	BS	0000	2457	36382	2454			153	354							
	228	0	STD 85	0010	2452 2452	3637 36369	2454	003407	5 0034	153 153								
			STO	0020	2425	3639	2464	003319		153	349							
	228	0	85	0031	2386 2381	3643 36436	2478 2480	003183	6 0100	153 153								
	228		STD BS	0050	2272 2266	3654 36546	2520 2522	002795	1 0160									
			STO	0075	2120	3659	2567	002360	9 0224	153 152								
	228		BS STD	0076	2116 2055	36595 3660	2568 2585	002194	1 0281	152 152								
	22B		85	0101	2053	36604	2586			152	71							
			510 510	0125	2017 1982	3661 3661	2596 2605	002101										
	228		85	0152	1979	36608	2606			152	59							
	228	0	STO BS	0200 10203	1915 1912	3660 36602	2622 2623	001875		152								
	228		STO 35	0250 10255	1868 1864	3659 36584	2634 2634	001786	5 0576	152	44							
			STD	0300	1838	3656	2639	001752	7 0664	152 152	44							
	228		35 510	T0305	1835 1817	36559 3654	2640 2643	001750	9 0839	152 152								
	228	0	510 35	0500	1752	3644	2651	001701		152	50							
	440		5 T D	0505	1747 1633	36432 3619	2652 2660	001636	2 1179	152 152								
	228	01	STD	0700 0758	1474 1365	3592	2676	001506		151	92							
	220		STD	0800	1239	35764 3562	2687 2701	001263	1 1474	151 151								
			510 510	1000	0975 0759	3532 3508	2726 2742	001009		150								
	228	0.0	3.5	T1009	0742	35067	2743	000842	0 1081	149	74							
			STO	1100	0665 0590	3505 3503	2753 2761	000735		149								
			I D	1300	0526	3501	2768	000587	2 1891	149	36							
			TD TD	1400 1500	0472	3499 3497	2772 2776	000537		149 149								
	228	0.0		T1516	0423	34971	2776			149	29							
			10	1750 2000	0399	3497 3496	2778 2780	0004910		149 149								
	22 R	0.6	15	T 20 10	0373	34961	2780			149								
REFERENCE CTAY ID.	SNIP	LATITUDE	101	GITUDE 3	MARSOEN SQUARE	STATION TIA		ORIGIN	ATORS	DEPTH	DEPTH	_	WAVE	WEA	CLDUD			
CODE NO.	C001	1/1	1	GITUDE 3		MO DAY HE	TEAB		TATION	10	DF	OB 21	ERVATIONS				5 T	A LION
311484	HU	3349 N		17.0	10" 1"	TO DATE	1/10		- CHIEF	MOTTOR	S'MPL'S	DIF.		CODE	CODES			
			07	305 W	116 33 (06 04 0	14 1969	9 A69 00	8	4663	20		2 2 2		9 6		+	8000
			07		116 33 (WAT	06 04 0	14 196	9 A 6 9 G O	8	4663 NO	20 SPECI	18	HG# 418 31A	CODE	(17) •		+	8000
			07		116 33 (TRANL DIR.	IND BAI	9 A 6 9 G O RO- AIR TEA TER DRY BULB	WEI CODE	NO ORS DEPTHS	20	18	HG# 418 31A	CODE	(17) •		1	8008
	MISSINGS	CAST C	ARD	305 W	116 33 (WAT COLOR CODE	06 04 0 FR W TRANS DIR (m) 08	14 1965 IND BAI SPITO ME ONE IMI 516 15	9 A69 00 RO- 148 DRY BULE 56 233	8 WE1 CODE 227 7	NO DEPTHS	SPECIA OBSERVA	18	2 2	x 8	9 6			3008
	MISSINGO TIMI of HR 1/10	CAST C			116 33 (WAT	TRANL DIR.	IND BAI	9 A 6 9 G O RO- AIR TEA TER DRY BULB	8 WE COOF	NO ORS DEPTHS	SPECIA DESERVA	18	PO g = P	X 8	(12)	NOy-No	11	8 000
	MISSINGS TIME of HR 1/10	_	ARD TPE	DEFTN UNI	T T	06 04 0 IR WI TRANS DIR. 08	14 1969 IND BAI SPETO ME 00 IMI 500CE IMI 516 15	9 A69 00 RO- AIR TEI TER BULB 56 233 SPECIFIC VOLU ANOMALI-BI	8 WE COOF TO THE TOTAL MET TO THE TOTAL	NO DES DEPTHS	SPECIA OBSERVA	18	PO 4-P	X 8	9 6		11	8008
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	014	01	AND THE STO	0000 0000 0000	116 33 (06 04 0 R WI TIANE DIR 08 5 1/4, 3639 3639 3639 3639	14 1960 BAIL MED ME ON M	9 A69 00 RO- AIR TEI TER BULB 56 233 SPECIFIC VOLU ANOMALI-BI	8 WFT VIS COOF SULE COOF SULF COOF SULE COOF SULF COOF SULE COOF SULF COOF SULE COOF SULE COOF SULE COOF SULE COOF SULE COOF SULE COOF SULE COOF SULE COOF SULE COOF SULE COOF SULE COOF SULE COOF S	NO ORS DEPTHS 14 SOUTH VELOCE 153 153 153	SPECIAL OF SEEVA	18	PO 4-P	X 8	9 6		11	9008
	H# 1710	06	AND THE STO IS STO IS	0000 0000 0000 0010 0010 0020	116 33 (wA) COLON COUL T T T T T T T T T T T T T T T T T T T	06 04 0 TRANE DIR. 08 5 14. 3639 36393 36393 36392 3640	14 1960 SAINTO METO METO METO METO METO METO METO ME	9 A 6 9 0 0 RO- ATR TE- TER DRY TER D	8 MP T ME! COOP 227 7 T MAN TO 10 10 10 10 10 10 10 10 10 10 10 10 10	NO ORS DEPTHS 14 SOUT VELOCITY 153 153 153 153 153	20 SPECIA DESERVA	18	PO 4-P	X 8	9 6		11	9008
	014	06	STO IS ITO IS ITO	0000 0000 0010 0010	116 33 (WAI COOK COOK COOK COOK COOK COOK COOK COO	3639 3639 3639 3639 3639 3639 3639 3639	14 1966 ND SAIN SAIN	9 A 6 9 0 0 RO- AIR TE/ TER DAY BULB 56 2 3 3 SPECIFIC VOLU ANOMALI-BI 0 0 3 4 4 8 6	8 WFT COOF COOF COOF COOF COOF COOF COOF CO	NO ORS DEPTHS 14 SOUT VELOCI 153 153 153 153 153 153 153 153 153 153	20 SPECIA DESERVA ND CITY 0 57 57 59 59 49 38	18	PO 4-P	X 8	9 6		11	9008
	014	06	STO SS STO SS STO SS STO SS STO	0000 0000 0000 0010 0010 0020 0030 0030	116 33 (wa) Cotols (cot) 2472 2472 2472 2472 2472 2472 2472 247	06 04 0 08 WITHMAL DIR. 08 08 08 08 08 08 08 08 08 08 08 08 08	14 1966 SALE	9 A 6 9 0 0 RO- ATR TE- TER DRY TER D	8 MP T VII WEI COOR SULE 227 7 227 7 MP Z A O O O N M M L 102 102 102 102 102 102 102 102 102 102	163 153 153 153 153 153 153 153	57 57 57 59 49 38 38	18	PO 4-P	X 8	9 6		11	9008 8 ¹¹
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	014 014 014 014 014 014 014	08 08 08 08 08 08 08 08 08 08 08 08 08 0	STD SS TTD S	0000 0010 0010 0010 0010 0010 0010 001	2472 2472 2472 2472 2472 2472 2472 2472	3639 3639 3639 3639 3639 3639 3639 3639	14 1966 NO IAI N	9 A 6 9 00 AC AT ILLY A THE FORM BIT SHIP SHIP OO 344 3: OO 344 3: OO 346 3: OO 27 920 OO 24 76 6 OO 20 89 6 OO 17 96 6 OO 17 96 6	8 wy T with the control of the contr	1663 14 153 153 153 153 153 153 153 153	20 SPECIAL OF SPECIAL	18	PO 4-P	X 8	9 6		11	911
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	014 014 014 014 014 014 014 014	08 08 08 08 08 08 08 08 08 08 08 08 08 0	510 95 95 95 95 95 95 95 95 95 95 95 95 95	0000 0000 0000 0010 0010 0020 0030 0030	2472 2472 2472 2472 2472 2472 2472 2472	3639 3639 3639 3639 3639 3639 3639 3639	14 1966 NO 196	9 A69 00 ac. All III fit or a	8 wy t will will will will will will will wi	14 Source 152	20 SHCIAN 0 57 57 599 449 45 446 446 446 446 446 533 286 532 286 586 586 586 586 586 586 586 586 586 5	18	PO 4-P	X 8	9 6		11	300 a
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Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

PERENCE	SHIP	LATITU	OF LO	GITUDE 58	MARSOEN	STATION T		YEAR		MATORS		OEPTH TO	MAL	085	WAVE ERVATIONS	WEA-	CLOUG			NOOC TATION
10. NO.	CODE		1/10	1/10	10" 1"	MO DAT			NO.	STATIO		BOTTOM	2, Wal.	1	HG 7 81 11	0000				UMBIR
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					WA	-	SMED	BARO-		MP. C	VIS.	NO.		CIAL						
					COLON	TRANS OIR.	POICE	M ETER (mbs)	ONY	NET		OFFTHS	OBSERV	ATIONS						
						18	511	152	233	22	2 7	15	_							
		_				110	1311	172	233		_	4					T	1		_
	TIAN M	CAST NO.	TYPE	DEPTH (M)	1.5	s ·/.	SIGN		MCIFIC VOL	UME 107	₹ A 0	VELO	DEITY	02 -1/1	PO4-P	101AL=F	NO2-N	NO3-N HE - BI/F	\$1 O4-\$1	91
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			STD	0000	2388	3647	248		003148	34	0000		338							
	040		085	0000	2388 2385	36470 3647	248		003143		0031		339							
	0//0		ST0 0BS	0010	2385	36470	248		00 114.	, ,	0031		339							
	040		510	0010	2336	3647	240		00301	19	0062		329							
			STD	0030	2290	3647	250		002889		0092		319							
	040		085	0031	2286	36466	251		00100				318							
	0.40		510	0050	2207	3656	254		00260	77	0147		302							
	040		085	0050	2207	36555	254						302							
	0.40		STD	0075	2107	3662	257		002309	52	0208	15	281							
	040		085	0075	2107	36620	251						281							
	0 40		510	0100	2043	3662	250		002151	16	0264		268							
	040		085	0100	2043	36616	250	9.0				15	268							
			STO	0125	1982	3658	260	3	002031	. 7	0316	15	255							
	040		085	0149	1931	36560	261	15				15	245							
			STO	0150	1929	3656	261	16	001922	27	0366	15	245							
	040		085	0198	1853	36558	263	35				15	231							
			STD	0200	1852	3656	263		00175	31	0457		231							
	040		085	10246	1829	36545	264						232							
			STO	0250	1827	3654	264		00172	3 1	0544		232							
	040		085	T0295	1808	36516	264						234							
			510	0300	1807	3652	264		001710		0630		234							
			STO	0400	1782	3650	264		001699	5 4	08.00		243							
	040		085	0486	1760	36485	269		7				251							
			510	0500	1749	3646	265		00167		0969		250							
			STO	0600	1643	3622	266		00163		1135 1292		232							
	0.1-		510	0700	1485	3595 35941	261		00150	4.7	1646		194							
	040		OBS	0704	1478 1209	35941	26		00124	7 6	1430		116							
			ST0 ST0	0900	0972	3525	277		00105		1545		J45							
	040		085	10952	0865	35122	27		00100		174		012							
	040		STD	1000	0806	3510	27		00090	3 1	1643		998							
			510	1100	06.95	3506	274		00077		1727		971							
			STO	1200	0600	35.3	276		00066		1799		944							
			STO	1300	0521	3500	276		000581	_	1862		934							
			510	1400	3457	3498	27		00052		1918		924							
	040		085	T1444	0434	34975	27	75				14	922							
			510	1500	0429	3497	27		00050.	2.0	1969	14	924							
			STO	1750	0404	3497	27	7.8	00049	50	2094	. 14	961							
	040		085	1939	0386	34966	278	80				14	985							

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

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CTOT IO.	CODE	LATITU	1	INGITUDE 25	SOUARE	STATION		YEAR		ATION	DEFTH TO BOTTOM	DEFTH	0858	NAVE RVATIONS	THEP	CDDES		53	HODE	
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					COUR	16445. DI	R, OI	D METI	ER DRY	WET CODE	OBS DEPTHS	OBSERV	ATIONS							
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			STD	0000	2385	3661	1 24	93	0030361	0000	15	339								11
	067		085	0000	2385	3661		93			15	339								
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			STD	0020	2271	3661	2 5	25	0027329	0059	15	314								
	067		510 085	0032	2189 2175	3659 3659.		548 552	0025235	0085	152									
	007		STD	0050	2084	3656		74	0022798	0133	153									
	067		085 510	0050	2084	3655		93	0021086	0188	152 152									
	067		085	0075	2029	3662	_	94	0021086	0100	152									
	067		STD 085	0100	1978 1974	3661 3661		07	0019879	0239	152									
	067		SID	0102	1974	3661		19	0018824	0488	152									
			STD	0150	1895	3660	26	27	0018098	0334	154									
	067		085 STD	0153	1891	36591		35	0017517	0423	152									
	067		085	T0206	1851	3656	2 26	36			152	32								
			STD	0250	1838	3655 3653		38	0017451	0510	152									
			STD	0400	1794	3650	26	45	0017282	0771	152	4.7								
	067		STO OBS	0500	1765 1760	3646		50	0017169	0943	152									
	001		STO	0600	1684	3628	26	55	0016891	1113	152	45								
	067		STD	0700 0766	1553	3605 3588		68	0015870	1277	152									
	501		STO	0800	1344	3576		91	0013747	1425	151									
			STD	1000	1080	3543 3517		17	0011196	1550	150									
	067		085	1050	0763	3505		40	0007776	10))	149									
			STD	1100	0718	3505		45	0008164	1740	149									
			STD	1200	0635 0563	35∪3 3501		63	0007193	1817 1885	149									
			STD	1400	0501	3499	27	69	0005796	1946	149									
	067		ST0 085	1500 T1592	0451	3498		74	0005281	2002	149									
			STO	1750	0401	3497	27	78	0004901	2129	149	60								
						3497														
	067		ST0 085	2000	0383			80	0004865	2251	149									
- BARRANCE	067		085	2131	0373	3496	27				150	13	1							ı
EFFERENCE CTIT 10.	O 6 7	LATITU	085	2131	MARSOEM SQUARE	3496	7 27	8 L YEAR	ONGINA	ATION	150	MAX OEPTI	085	WAVE ERVATIONS	WEA	CODE	1	5	NDOC STATION	
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C187 10.	SHIP	•	085 pt L0	2131	0373 MARSOEM SQUARE 10° 1° 116 43	3496 STATION IGN MO GAY	TIME STI OB9	1969	ORIGINA CRUISE SI HO. H	ATION UMBER	150 DEPTH TO BOTTOM	MAX GEPTI OF S'MPL	5 0#.	ERVATIONS	THER	CODE	1	5 h	NDOC STATION NUMBER	
CTET 10. CDOE HO	SMIP	•	085 pt L0	2131 PHGITUDE 58	0373 MARSOEM SQUARE 10' 1' 116 43	STATION IGN	HILIZII	YEAR 1969	OUGINA CRUISE SI HO. N I A 6 9 0 1	ATION UMBEE	150 DEPTH TO BOTTOM 4114	MAX OEPTI OF S'MPL	2 Diff	HGF PER S	THER COOL	TIPE A	1	5	FU MIRER	
CTET 10. CDOE HO	SHIP CODE HU	3415	085 pt L0	2131 PHGITUDE 58	0373 MARSOEN SOUARE 10' 1' 116 43	STATION IGN	HILIZII OB 9 WIND IR. DO	YEAR 1969 BAR MET	OBGINA CRUISE ST HO. N I A69 011 O- AIR TEM EF DRY E1 BULB	ATION UMBER	150 DEPTH 10 10110M 4114 NO. 085.	MAX OEPTI OF S'MPL	OBSI	HGF PER S	THER COOL	TIPE A	1	5 6	FU MIRER	
CTET 10. CDOE HO	SMIP CODE HU	3415	085 pt L0	2131 PHGITUDE 58	0373 MARSOEN SOUARE 10' 1' 116 43	STATION IGN	0 89 WIND WIND 191 9 51	YEAR 1969 BAR MET	OBGINA CRUISE ST HO. N I A69 011 O- AIR TEM EF DRY E1 BULB	ATION'S ATION UMBER P C VIC WET COD BULB 233 7	150 DEPTH TO BOTTOM 4114 NO. OBS. OEPTHS	MAI OEPTI OF STMPL 15	OBSI	PO4=P	THER COOL	8 5	NO3-N	\$10e-\$	0011	101
CTET 10. CDOE HO	SHIP CODE HU	3415	085 DE LO 1/10 N 0	2131 PAGITUDE 1//10 7/348 W	0373 MARSOPH SQUARE 10' 1'- 116 43 W/COLOGOOD	3496 STATION IGN MO DAY 06 04 TEE 19ANS D	0 89 WIND WIND 191 9 51	75 PAR 1969	CRUISE SI MO. N N A69 01:	ATIONS ATION UMBER IN CORRECTED VIS. WET CORRECTED VIS. BULB 233 7	150 DEPTH TO BOTTOM 4114 NO. OBS. OEPTHS	MAX OEPT OF STAFFL 15	N OBSI	HIGH PRES	THER COOI	8 5	1	\$10e-\$	0011	700
CTET 10. CDOE HO	SHIP CODE HU	3415	OBS DE LO 1/10 N O' CARD TYPE	2131 NGITUDE	0373 MARSOEN SOLARE 10' 1' 110 43 W/ COLO COOE	3496 STATION	7 27 C TIME C TIME C TIME O 8 9 WIND WIND O 100 9 51	7EAR 1969 0 BAR 0 MET 0mb 2 15	CRUISE SI MO. N N A69 01:	ATION UMBER P C VIL BULB COD 233 7 AF SACOTY, MARCH	150 DEPTH TO BOTTOM 4114 NO. OBS. OEPTHS 14 SOIL VELO	MAX OEPTI OF S'MPL 19 OBSER'	N OBSI	PO4=P	THER COOL	8 5	NO3-N	\$10e-\$	0011	2000
CTET 10. CDOE HO	SHIP CODE HU	3415	OBS DE LO 1//10 N OT CARD TYPE STO OBS	2131 DIGITUDE	0373 MARSOIN SOUARE 10° 11 116 43 COLOCCOOL 1 T 2446 2446	3496 STATION MO GAN MO GAN 1 TEE 1 TANK D 1 TANK D 1 TANK D 1 TANK D 1 TANK D 1 TANK D 1 TANK D 1 TANK D 1 TANK D	7 27 1 TIME 111 0 8 9 WIND 101 101 9 \$11	1969 BAR 1969 BAR Omb 2 15 GMA-T	OBIGINA CRUISE SI HO. N A69 01: O- AIR TEM EF DAT 1 BULE 2 238 IMOMALT—EIR	ATION UMBER P C VIL BULB COD 233 7 AF SACOTY, MARCH	150 DEPTH TO BOTTOM 4114 NO. OBS. DEPTHS 14	MAX OEPTI OF S'MPL 15 SPI OBSER*	N OBSI	PO4=P	THER COOL	8 5	NO3-N	\$10e-\$	0011	3 C C C
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COOF HO	SHIP COOF HU M451ENGS PAGE 1770 08.9 08.9 08.9 08.9 08.9 08.9	3415 CAST NO	OBS CAND 17/10 N 0 0 CAND 17/10 STIO 0BS OBS STIO 0BS	2131 Common Comm	0373 MARSON 101 110 43 110 11 110 43 Coloc	34961 314100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 1 1 1	1969 1969	0032515 0025243 0017195 0017191	Nors Nors	1500 SOFTHAM AND SOFTHAM SOFTHAM AND SOFTHAM AND SOFTHAM AND SOFTHAM AND SOFTHAM AND SOFTH	13 MARINE 15 SPINITE 15	N OBSI	PO4=P	THER COOL	8 5	NO3-N	\$10e-\$	0011	m Q U
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Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE					-=1	MAPS		STATIC		E			ORGIN	ATOR*		01	EPTH	MAX.		WAVE	WEA.	crono	1		1000	
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Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

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C787 10.	CODE	LATITU	DE	LONGITUDE	200	SQU		3141	ON T	WE	TEAR	-	ORIGIN			OEFT	TH DE	PTH	0.00	WAVE ERVATIONS	WEA-	Crono	1	- 1	NOOC	
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							COLOR	TRANS	_	37610	SAB MET		ORY	WET	VIL	NO.		SPECIAL								
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	HB 1/10	1	1178				-			1		A40	₩ #1.1-B!		103	v	ELOCITY	, 02	mI/I	an = 81/1	## = #1/1	NO - 01/1	µg - m1/5	## - OE/I	BH.	c
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			STI				345	366			04	0.0	2934	7 0/	064		5345									
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	136		085	0030			274	366		25		00.	(130	• 00	143		5317									
	136		085	0049			109	366		25							5317									
			510				104	366		25		00.	303				5277									
	136		085	0074			990	365		26		004	2302	2 0.	143		5276									
	100		ST				986				_						5249									
	136		085	0075			908	365		26		002	20306	0 1	97		5248									
	100		STI				904	365 365		26							5230									
			570							26			8429		46		5230									
	136		085	0148			359	365		26		001	7493	3 02	91		5221									
	100		570				329	365		26							5216									
	136		085	T0197			109	365		26		001	6930	0:	134		5216									
	1 30		ST(307	365		26							5218									
			STO				185	365		26			6650		18		5218									
	136		085	T 0 2 5 0			185	365 364		26		001	652	. 0:	01		5220									
	136		085	0299			76			26							5220									
	100		STO				76	364		26							5225									
			STI				156			26			6581		83		5225									
	136		085	0493			66	363		26		001	7233	0 /	52		5234									
	170		STO				50	362 362		26							5222									
			510				22	358		26			6073		19		5217									
			STO				92	355		26			4318		71		5158									
	136		085	0739			01	353		27		001	2334	12	04		5093									
			510				25	352		27		000					5066									
			STO				84	350					9391		13		5011									
	136		085	0982			29	349		27		000	7045	1 2	95		4934									
			510				23	349		27		200	E 7 1 7				4664									
			STO				94	349		27			5717		59		4884									
			STO				69	349		27					15		4889									
			510				46	349		27			5273		68		4896									
			510				26	349					5100		20		4903									
	136		085	11473		04			-	27		000	4962	10	71		4911									
	100		STO				10	349		27		000		, ,	3.0		4918									
			510			03		349		27			4873		20		4921									
	136		085	1968		03		349		27		000	4804	1 8	41		4954									
	1 70		-03	1 4 9 0		0.5	1.7	344	0	21	14					14	986									

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

FERENCE	т-	_		\neg			- =	MAR	SOEN	STATIO	N 11A	A E		L	ORIGIN	ATOR	" S	I	OEPTH	MAX	0.00	WAY	TIONS	WEA	. CLOUD		5	NODC
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	.,								WAT	ER	w	IH O	BAR		AIR TE	_	_ v	15	NO OBS	SPE	CIAL							
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										-	3.	507	16	\rightarrow	250	22	2 7	1	15									
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	MESSEN	GP C	ASE	CAR	0	2810	H (m)	1,	70	s	/a.a	SIG	T-AM	541	CINC VOL	JANE 107	E A	M	VILO		01 ml/l		DamP Felfi	101AL=1	NO7-N	NO3-N	\$1 0 a - \$1	ρН
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	1	1	1	s'	rp '	00	00	2	768	361	4		3.8	0	04510	7	000	0		422								
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				S	T D		120		692	361			66		04251		008			394								
				S	T D		130		616	362			93	0	03997	1 3	ULS	0		392								
	16	54		OB:			131		60R	362			52							361								
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					10)50)74		268	366			30		0,,.0	_			15	323								
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				08			99		2079	366			84						15	278								
	14	64			5 T0		100		074	366			85	0	0219	26	034			277								
					TD		125		1961	366	3	2 6	13	0	0194	28	039	93		250								
	1.	64		08			148		1887	369	99		29							233								
	*	-			TO	0.3	150		1884	366			30		0178		043			233								
				S	T O		500		1822	369			542	0	0168	79	052	26		223								
	1	64		ΟВ	S		200		1822	36			542			1.0	06	10		222								
				S	TD		250		1792	36			547	U	0166	10	00	10		222								
	1	64		OB			252		1791	36			547 552							220								
	1	64		OB			297		1762	36			552	c	0162	64	06	92		219								
					01		300		1758 1602	36			563		0154		08			185								
					TD		400		1398	35			684						15	132								
	1	64		0.9	T0		500		1352	35			690	(0130	20	09	93		118								
					TD		600		0953	35	35	2	732	(00088	73	11			990								
					TD		700		0668	35	7	2	754	(00066	53	11	80		894								
	1	64		ОВ		0	713		0639	35	347		756							884								
		0 4			TD	0	800		0570	35			763		00057		12			871								
					TO	0	900		0505	34			768	(00052	80	12	96		856								
	1	64		0.5	15	TO	968		0468		976		771				13	4.6		859								
				5	TD.		000		0462	34			772		00049		13			869								
					TD		100		0446	34			774 775		00048 00047		14		-	880								
					510		500		0431	34 34			776		00047		14			891								
					STD		300		0416	34			777		00047		15			4903								
					570	_	400		0399		70 960		778			• •	-	•		911								
	1	164		OE			466 500		0396		96		778		00046	87	15	8	9 1	4915								
					STO		750		0377	34			780		00046	43	17	0 9		4950								
	,	164		01			975		0368		962	2	781						1	4984								
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Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

REFERENCE			Т			MAT	SOEN	STAT	юн 1	IME		_	ORIGIN	ATOM	-		MAI				_		_		
187 10.	CODE	LATTUDE	- 1	LONGITUDE		SQU	ARE		GMI		YEAR	CR	_	TATIO		OEPTH	DEPTH	: 1	WAVE SERVATIO	NS	THER	CLOU			NODC
ODE NO.		1/		1/10	-	10"	1.	MO C	YAS	18,1/10				NU M BE		BOTTOM	S.W. br	S OR	HG# PLE	SEA					HUMBIR
311484	l ни I	34518N	10	74442W		116	44	06 0	4	186	1969	A	69 01	5		2926	19	06			X1	8 4	_		0015
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							COLOS	TEANS.	DIR,	SPECE	MET	EX	ORY	WET	COD			CIAL ATIONS							
							CODE	100.1	_	FORC	_	•1	TULE	BULL	_	DEFINS]						
									07	508	16	6	272	24	7	15									
	MESSENGI TIME		ARD	OEPTH IM		١,	٣		٠,.	1		5 00	ICIFIC VOLU		₹ ∆ D	sou	180		/I PO4-	Л.				1.	
	HE 1/10	M NO.	TPE	00000	'			١,	***	316	MA-T		HOM ALT-11	0'	2 10 ³	AILO		01 01	NG - 01		01AL-P	NO2-N	HO3-01		
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		' '	5 T D	0000		2.	784	361	2	23	3.1	١ ۸	04580	o ' ,	0000	154	. 26								
	186		85	0000			784	361		23		•	042001	0 (,000	154									
			SID	0010			782	361		23		0	04580	1 (0046										
	186	5 0	85	0011		2	761	361	14	23		-			+0	154									
			STD	0020			771	361		23		0	04537	7 (091	154									
			510	0030		2	759	361	5	23	41	0	044934		137	154									
	186		8.5	0035			753	361	54	23	44					154									
			5 T D	0050			93	363	0	24	06	0	038869	5 (220	153	193								
	186		85	0055			41	363		24						153	8 2								
	10/		STD	0075			38	366		25		0	029444	. 0	1306	153									
	186			0082			76	366		25						153									
	300		STD	0100			42	366		25		0	023923	3 (372	152									
	186		35	0109			84	366		25						152									
			STD	0125			98	365		25			020794		428	152									
	186			0163			193	364		26		01	018845	5 0	478	152									
	100		5 T D	0200			109	364	_	26.			0.70.0			152									
	186			0218			83	364	_	26		U	017067		568	152									
			STD	0250			23	363		26		0/	016144		051	152									
	186			10271			88	362		26		01	0.10144		100										
			QT6	0300			55	362		26		0/	015543		730	151 151									
	186			10323			19	361		26		0.0	010040	, ,	, , ,	151									
			T D	0400			35	357		26		0.0	012764		871	150									
		5	QT.	0500			19	352		27			010376		987	149									
	186	0.8	35	0519		0.9	65	352	12	27						149									
			STD	0600		0.7	47	351	1	27		0.0	007353	1	U76	149									
			TO	0700			55	35∪	2	276	55	00	005469	1	140	148	48								
	186			0728		0.5		350	0.7	276	5.8					148	37								
			TD	0800		04		350		27		06	004861	1	192	148	38								
			T D	0900		04		35 Ü		27		0.0	04602	1	239	148	42								
	186			T0955		04		350		27						146									
			TD	1000		04		3501		27			004470		284	148	-								
			TO TD	1100		04		349		277			004492		329	148									
				1200		04		349		277			004523		374	148									
			TD.	1300		04		349		277			004489		419	148									
	186	08		T1429		03		349		277		00	04464	1	464	148									
	100		TD	1500		03		349		277						149	-								
			TO	1750		03		349		278			04495		509	149									
	186	08		1928		03		3490		278		U C	04525	1	621	149									
		0.0	J	1720		V 3	0 2	7446	> <	418	-					149	14								

EFERENCE	SHIP			. :	MARS	DEN	STATION 1	IME		ORIGIN	ATOR'S		DEFTH	MAI		WAVE		_	1		-	
DE NO.	CODE	LATITU		LONGITUDE	sou	ARE	(GMTI	Y E A	AP C		TATION		10	DEPTH	085	RVAT	ZNC	THER	CTOR			STATION
NO.	-		1/10	1/10 =	10*	10	MD DAY H	IR,1/10			UMBER		BOTTOM	S'MPL'S	DIE	HGT PI	Sta	CDDE	11F) A 4	7		NUMBI
11484	HU!	3505	N (0	7504 W	116	55	06 04 .	214 19	69	A69 01	6		0713	0.7	04	1 _		K.]	8 5			001
						WA	TER V	VIND	BARD-	AIR 1EA	AP °C	т	NO.			1-1-			1 0 1 2			001
						COLDE	TEANS DIR.	SPETO A	METER	DRY	WEI	CDD	240	DRSERV								
						CDDŧ	(86)	FORCE	Imbat	BULE	BULB	-	DEPTHS									
							01	511	166	250	227	7	12									
	WESSENCE WESSENCE	CAST.	CARD	DIPTH (m)	1 ,	t	5 %.	SIGM A-	. 5	MCIFIC VOLU		Δο		ND.		PO.		OTA L-P			T	
	H# 1/10	ND	TTPI	511111 541			3	31G-M-A-	.1	ANOWALT-III	7 0	1 10 ³	VELD		0 2 ml/l	101		-8 01.7	ND2=N	NO3-N	\$1.0 au	
							-	-	-		+-	_	+	-		-	+		-		+ -	+
,			570	0000	24	475	3597	2417	١,	003754	ລ ່ ດ	000	15	363								
	214		085	0000		475	35973	2417		003.24		000	153									
			STO	0010	24	466	3596	2419	-	003739	5 0	037										
	214		085	0010	24	466	35964	2419					153									
			510	0020	23	338	3605	2464		0033188	3 0	073										
			STD	0030	2.2	229	3613	2501		0029660		104										
	214		085	0031	2.2	919	36136	2505					152									
			SID	0050	20	69	3628	2557	(002442	7 0	158										
	214		085	0050	20	69	36280	2557					152									
			STD	0075	18	366	3624	2607	(0019746	5 0	٤13										
	214		085	0075	1.8	366	36238	2607					152	11								
			510	0100	17	706	3616	2641	(01662	0.	259	151	68								
	214		085	0100	1.7	706	36161	2641					151	68								
			510			30	3582	2677	(0013182	2 0	296	150	182								
			SID			44	3559	2698	(0011248	3 0	327	150	22								
	214		085	0150	12	44	35592	2698					150	22								
			STO	0200		43	3545	2706	(010551	0	381	149	93								
	214		085	T 02 n 1		41	35445	2706					149	93								
			STD	0250		05	3528	2718	(009534	. 0	+31	149	50								
	214		085	T0250		105	35277	2718					149	50								
			510	0300		166	3515	2731	(008325	04	476	149	0.5								
	214		085	0302	0.8		35142	2731					149									
			STD	0400		74	3504	2751		1006498		350	148									
			STD	0500		4.8	3498	2762	Ċ	1005418	0.6	510	148									
	214		085	10506		43	34979	2763					148									
			STD	0600		88	3497	2769	- (1004836	00	061	148									
	214		085	0667	04	84	34971	2769					148	13								

Table XIII. Observed and interpolated oceanographic data taken by USCGC HUMBOLDT, 6-8 June 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1484.—Continued

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REFERENC	E SNIP				1000	MARSE			TION IG M T		YEAR	_	ORIGIN			. 0	TO DE	MAX.		VAVE EVATIONS	W EA-	CLOUD		- 5	NODC TATION
crev ID	- cont	LATITUE	- 1	LONGITUDE	200					и на,1/10		CRUI		STATI NUM		10	*****	OF MPL*S	OIR T	GF PER SIA	CDDE	17FQ A 467	1	N	UMBER
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						- 1	WAT	_	+	WIND	BAR D. BAR		DRY	m.	- v	2	HO. 005.	SPEC	ARONS						
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	MESSENGE	CAST NO.	CAI		(m)	т .	℃	1 1	٠4.	Sic	T-AM		IFIC VOL		DYN.	M	VELOCI		D7 m1/1	PO4=P #8 * 81/1	98 - 01/I	49 - 01/I	μg - e1/f		
	HR 1/10		TY	"				<u> </u>		_		-			2 10	,		-		-	_	-			-
												1						!						į.	1
	1	' '	5	TD 000	0	2.5	48	36	13		406	00	385	76	000	0	1537								
	221	6	08	s 000	0	25	48		126		406						1537								
			5	10 001	0	25	47		13	-	407	00	3855	9	003	14	1537								
	22	6	0.8	5 001	0	2.5	547		130		407						1537								
			5	TD 002	0	25	01		0.6		417		1376		007		1536								
			S	TO 003	0	23	399		01		443	0.0	352	29	011	3	1534								
	22	6	ОΒ	s 003	1		386		00.		446				01.	• •	1533								
			5	TD 005	0	20	24		84	_	536	0.0	2649	> 1	017	15	1524								
	22	6	ОВ				306		83		540				033		1524								
			5	TO 001	15	16	530		96		643	00	162	36	022	8	1513								
	22	6	0.6	s 001	6		518		96		646														
			5	TD 010	0	13	399		71		676	00	0132	BO	046	> >	1506								
	22	6	08	5 010	1	13	392	-	570	-	676				- 2 -		1506								
			S	TO 01:	25		307		564		689		0120		029		1503								
			S	TO 019	0	17	223		555		699	01	0111	61	03.	26	1501								
	22	6	0.6	5 019	32	1.2	217	3 9	553		699						1501								
	22		06	S T01	70	1	161	3 5	545	6 2	704						1499	95							

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.

						_						_	1-132													
CTEY ID.	SHIP	LATIT	UDE 1/16	1	NGITUDE	PERST M DC14	MARSDEN SQUARE	1	IGM	TIME II	YEA	R	GRIGI CRUISE ND.	STAT	ON	DEF TO BOTI	o	MAX. DEPTH DF S'MPL'S		WAVE ERVATIONS	WEA	COD	ES		STA	DDC 110N
31152	6 ML	3159		_	002 W		116 10	09	08	103	196	9	A6 1	001		54	-	, 4,7(,)		2 2	X 1	117FI A			0	001
							CDLO		r Dn	WIND	o lu	ARO-		w	E1 CO	NO DEP	DS	SPECIA								
							CODI	-	18	1010		00	261	\rightarrow	39 7	1.4	,		\dashv							
	MESSEN	CAST		ARD	DEPTH 6	m)	1 5	1	5 -/	1	MA-	T	SPECIFIC VOL		₹ △ DYN. 3 10	e T	SOUN		2 m1/1	PO4-P	TOTAL-			N SIO		pN
	NR 1/	NG.	"	TPE	-	_	-	+		+		1	AHOMALT-		s 10	-	V\$LD(184		μğ = α1/3	*g · 01/	1 ug - 01/	1 49 - 0	e/I µg -	e1/1	-
	1	1		T 0	0000		2712		50		883	-	004084	48	000		154				ľ			1		
	10	13	0 B S	15 5 T D	0000		2712 2709		496 50		383 384		004080	07	004		154 154									
	10	13	ОВ		0011	ì	2709 2703	36	496		384 385		004070	2 2	008		154 154	-								
			5	10	0030)	2697	36	49	23	887		00405		012	2 :	154	15								
	10	13	0 B	S T D	0033		2695 2325		483 61		10		002890	3 9	019		154 153									
	10	3	OB		0051	l	2308 2053	36	614 61		15		00217	2.3	025		153 152									
	10	3	08	5	0077	7	2038	36	609	2 9	90					1	152	63								
	10	13	0B	STD S	0100		1933 1926		62 618		19		00187	3 3	030		152 152									
			S	10	0125	>	1878 1839	36	57	26	37		00178		035		152 152									
	10	3	ОВ	5	0153	3	1835	36	536	26	38					1	152	18								
	10	3	5 OB	STD S	0200		1802 1800	36	56 559	26	48		00163		047	1	152 152	17								
	10	3		TD	0250		1780 1779		51 510		50		001629	96	056		152 152									
			5	TD	0300)	1769	36	50	26	51		001630	7 (064	2 1	152	23								
	10	3	06	TD.	0303		1768 1734		498 41		53		001646	58	080		152 152									
	10	3	08	S TD	0500		1637 1630		231 22		63		001576	5.1	096		152 152									
			S	TO	0600)	1409	35	83	26	83		001404	45	111	ь 1	151	53								
	10	3	0 B	TD S	0700		1199 1125		53 432		102 108		001229	9.1	124		150 150									
				TD	0800		0986 0794		32		24		001006		135		150 149									
			5	TD	1000)	0639	3.5	06	2.7	57		000675		152	4]	149	32								
	10	3		τD	11009		0627 0592	3.5	053 05	2.7	758 762		000631		158	9]	149. 149	30								
				TD	1200		0554 0515		04		70		000597		165		149 149									
			5	TD	1400)	0477	3 5	02	27	74		000526	5 2	176	<i>i</i> 1	149	3 3								
	10	3	0 B		1500		0438 0428		U05		78		000470	, 4	101		149									
I ID.	SNIP	LATITUE	DE	LONG	SITUDE		MARSOEN SQUARE	STAT	ION T	ME	YEAR		DRIGIN			DEFTI		A A X EPTpl	DESTE	AVE VATIONS	W[A-	CLOUD	T		NOD	oc.
ID. B NO.	CDDE	-	1/10		1710	-	10" 1"	MD I		8,1/16				TATIO		10110	5 M	MPL'S I		GT PER SEA		ITH AV	1		NUM	LEF
11526	I ML	32132	2 N	070	348₩1	1	16 20 WAT			134]	196		Ab 10		- VI	536	01	SPECIAL	14 2	2 2	X.4	712	1		0.0	10.21
							CODE	TRANS	O IR.	SPEED OR FORCE	AA E		DRY	WE'	CODI	OBS	45 08	SERVATIO	DN S							
ſ				-				1	17	514	16	9.2	270	24	_	14			1					_	,	
	MESSENGE HM4 HB 1/10	CAST	TYP		DEPTH (m)	1	1 6	5	٠/	SIGA	1- A		NOMALT-LI	M!	₹ A D		ELDCII		ml/l		101A L=# #g = #1/1	NQ3=N pg + st/l	NO3~N vg - 81/			μН
										1				\neg		7.									-	
	134		5T 085		0000		2677	363		238		0	1040621		0000		540 540									
	134		ST OBS		0010		2673 2673	363		238		0	04054	6	0041		540 540									
			ST ST	D	0020		2662 2654	363	7	236	9		04031		0081	1 !	540 540	4								
	134		085	,	0032		2652	363	59	239	2 5		04018	_	0 4 2 1	1	540	4								
	134		OBS ST	D	0049		2642 2611	363 363		230	15	0	03890	0	0200		540 539									
	134		OBS ST		0074		2066 2058	365		251 251		0	02245	9	0277		526 526									
	134		OBS		0098		1898	365	10	262	20					1 '	522	7								
			5T	0	0100		1892 1823	365 365	0	262	3.8		01849		0328 0373	1 !	522 521	0								
	134		0BS		0147		1781 1779	364		264		0	01617	4	0414		520 520									
	134		OBS ST		0196		1749	364		265	3		01576		J494	- 19	520 520	0								
	134		085		T0246		1727	364	32	265	6					1 5	520	1								
	134		51 085		0250		1726 1714	364		265		0	015635	,	0572		520 520									
			5T	D	0300		1711 1675	364	1	265 266	9		01559		0650	15	520 521	5								
	134		085		T0484		1645	362	72	266	4					15	521	4								
			S T		0500 0600		1615 1429	362 358		266		0	01549	7	0959 1107		520 516									
	134		ST 085	0	0700		1242	355	8	269	8 9		01272		1242	1 5	511 510	1								
	4)4		ST	D	0800		1021	353	6	272	2.2		01040		1358	1 5	504	8								
			ST ST	0	1000		0825 0665	351 350	5	274	3		008504		1452 1531		498 494									
	134		085 51		11006		0657 0615	350	44	275	3		00673		1600	14	494	0								
			5 T	0	1200		0570	350	2	276	3	0	006296	5	1666	14	493	7								
			S.T 5.T		1300		0525 0480	350 350		276	72		005425		1726 1783		493 493									
	1 2 4		ST	D	1500		0435	349	9	277	6		00499		835	14	493	2								
	134		085		T1528		0422	349	85	277	7					14	493	1								

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

ID COOR	LATITUGE 1/10	LONGITUOE ES	SQUARE 10° 1°	STATION T	TEAR		TION MEER	10	DEPTH OR	WAVE SERVATIONS HGT PET SE	THER	CODES	1	5	NODC TATIOI
526 MŁ :	32280N	071050W	116 21	09 08	164 1969	A6 100	3	5394	16	3 2	X1	8 4			000
JEOI ME I	3220011	0,10,041			VINO	A 10 T5 44	10	NO.] - -	1			'	
			COLO	P TEAMS OIR	SPEED MET	ER DAY	WET COC	700	SPECIAL ESERVATIONS						
				16	520 17		245 7	14	-						
MESSENGE TIME OF	CAST CARE		1 €	3 %.	SIGMA-1	SPECIFIC VOLUM	. ₹ Δ¢	SOUNG		PO4=P #8 = 41/1	101AL-+	NO3-N #9-al/l	NO3-N	\$1 O 4 - \$1 #8 - 01/1	p
HF 1/10		+			 		1	+	+	+	_			-	
	5.7	0000	2732	3615	2350	0043949	0000	1541	14	1 1	,	1		1	1
164	085		2732	35150	2350			1541							
	57		2726		2352	0043807	0044								
164	085	0011	2775	36146	2352			1541	1 4						
	ST	D 0020	2721	3615	2354	0043695	0088	1541	15						
164	085	0029	2693		2366			1541							
	ST	D 0030	2689		2368	0042397	0131								
164	085		2562		2419			1538							
	5.7		2508		2439	0035638	0209								
164	085		2218		2541			1530							
	ST		2170		2554	0024787	0284								
164	085		2042 2004	36593 3659	2588 2598	0020709	0341	1526 1529							
	ST														
164	ST 085		1918 1891	3659 36582	2621 2627	0018647	0390	1523							
104	51		1863		2633	0017534	0436								
164	085	10177	1826	36550	2641	001.334	0.50	1522							
104	51		1815	3655	2644	0016697	052								
164	085		1805		2646		J. E.	1522							
104	51		1775	3649	2649	0016329	0604								
164	085		1774	36490	2649			1521							
	5.7		1761	3648	2652	0016262	068	1522	20						
	5.1		1739	3646	2656	0016225	0548								
164	085	T0411	1737	36457	2656			1523							
	5. T	D 0500	1728	3644	2657	0016409									
	5.7	D 0600	1717	3643	2659	0016604	1176								
164	085		1713		2659			1526							
	51		1678		2650	0017647									
	5.1		1599		2646	0018292	152	1524	4 7						
164	085			35695											
164	085	T1406	0466	34994	2773			1492	29						

CTET ID.	SHIP	LATHUDE	10	GITUDE BOX	SOU 10°	ARE		ON TH		7EAS	CRU	5.6	NATO STAT NUM	ЮN	1	H1430 01 M0180	MAE. GEPTN OF S'MPL'S		WAVE ERVATION		ER	CLOUG CODES			NODC TATION UMBER	
311526	м.	324001	u 0.7	1350W	116	21	09 0	8	194	1969	1	6 1	104		5	300		17	4 2	×	6	7 7			0004	
. 311320	ME	J24001		1330#1 1	110	WAT			VIND	BAR	•		EMP	2	Т	NO.	SPEC							•		
						COLOR	TEANS.	OIL	17110	MET	12	ORY		ET CO	0.0	OBS. EPTMS	OBSERVA									
				1		CODE	Lm1	ļ.,	POSCI	lmb	\rightarrow	FUL	+-	/LB	-	\rightarrow										
								17	516	14	5	280	2	45 7	1	13			,					_	,	_
	MESSENGE TIME HB 1/10	CAST	CARD	DEPTH (m)	,	7	s	٠4.	SIGA	MA-T	IPEC	INC VOI	UME 1187	∑ ∆ DYN. 1 10	M	AEFO ZON		02 m1/1	PO4-P	101AL #2 - el		NO3-N 69 - 01/1	NO3+N ug - al/l	\$1 O4-\$4 99 • 01/1	рн	300
																				1					1	
	,		STD	0000	2	687	362	25	23	72	0.0	418	36	000	0	154										
	194	. (085	0000	2	687	362		23							154										
			STD	0010		686	362		23		0.0	418	62	004	2	154										
	194	. (DBS	0010		686	362		23							154										
			STO	0020		6 R 1	362		23			416		008		154										
			STD	0030		676 675	362		23		00	414	10	012)	154										
	194		085 085	0049		420	366		241							153										
	144	. ,	STD	0050		410	366		241		0.0	310	7.8	019	А	153										
	194		085	0074		212	366		25							153										
			STD	0075		206	366		25		0.0	254	6.2	026	8	153	307									
	194	. (085	8600		0.83	366	49	25	81						152	79									
			STD	0100	2	079	366	5	25	8 2	0.0	222	29	032	Я	152	78									
			STD	0125	2	025	366	· 1	25	94	0.0	115	7.7	038	2	152	267									
	194		085	0145	1	979	365	8 A S	26	14						152										
			STD	0150	1	962	365		26		0.0	19B	7.7	043	3	152										
	194		085	T0196		850	355		26							152										
			SID	0200		848	36		26		0.0	173	47	052	7	152										
	194		085	T0241		824		540	26					0.1	2	152										
			STD	0250		819	36		26		0 (171	11	061	3	152										
	194		085	0288		798		512	26		0.7	1168	77	069		152										
			STD	0300		796 772	36		26 26			167		086		152										
				T0474		748		465	26		0 (101	10	000	0	152										
	194	•	OBS STD	0500		742	364		26		0.0	167	73	103	13	152										
			STD	0600		704	36		26			168		120		152										
	194		085	0691		646		245	26			,,,,,,		0	-	152										
	194		085	T1390		492		047	27							149										

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE	,										,										
CTRY IO.	CODE	LATIR	7/10	LONGITUDE E	MARSOEN SQUARE	STATION (GMT		YEAR	CRUISE NO.	STATION NUMBER		DEFTH TO BOTTOM	MAX DEPTH OF		WAVE SERVATION		WEA- THER CODE	CLOUD		51	NODC 14 FION
31152	6 ML	331		7204 W	116 32	1 -1		969		005		5200	S'MPL'S	17	6 2	51 4	X 2	7 B	1		0005
					COLO	_	SPEED	BARO		EMP. C	VIS	NO. OBS.	SPEC	IAL				, , -	,	'	
					CODE	(m) Disc	10101	(mbs)	BULB	BULE		DEPTHS	ORSERVA	A TION S							
	MESSEN	CAST	CARD	T		16	519	130		-		1			_				_		
	HR 1/1	or NO.	TYPE	OEPTH IMI	1 6	5 %.	SIG M.	A1	ANOMALT-1	107	YN. M X 10 ³	AFF	CITY	D 2 ml/1				NO2-N	NO3-N PE - 01/1		ρН
	1	İ	STE	0000	2692	3654	239	,	002080	,,,,	000	1,,,	. 00				-				
	22	2	085	0000	2692	36543	239	3	003769												
	22	2	510 085	0010	2693 2693	3654 36541	239		003998	12 0	040										
			STD	0020	2692 2690	3654	239	2				150	+12								
	22	2	\$10 0BS	0030	2690	3654 36539	239 239		004000	4 0	120										
	2.2	2	STD OBS	0050	2413 2400	3668 36690	249		003086	8 0	191										
		_	STD	0075	2183	3667	255	6	002467	9 0	260	153	302								
	22	2	OBS STD	0076	21 75 2070	36672 3664	255 258		002201	0 0	319										
			STD		1983 19 1 9	3652 3659	262														
	22	2	OBS	0153	1913	36582	262	1				152	41								
	22	2	510 085	0200	1863 1861	3662 36616	263 263		001738	6 0	>10										
	22	>	STO OBS		1835	3656 36558	264	0	001728	0 0	597	152	35								
			SID	0300	1834	3653	264 264	3	001711	4 0	683	152	36								
	22.	2	0BS 510	0301	1812 1810	36531 3650	264 264		001766	.5 n	657										
	22	2	0BS ST0	T0498	1761	36460	265	0				152	53								
			STD	0600	1642	3646 3621	265) 2660						-								
	22	>	510 085	0700 0760	1499 1401	3596 35811	267: 268:		001532	4 1	356										
		•	STO	00080	1303	3569	2694	4				151	50								
			ST0	1000	1081 0893	3541 3519	2719														
	222	2	0BS S T 0	T1036	0833 0791	35123 3511	2734	4				150	14								
			STD	1200	0725	3509	2739														
			STD	1300 1400	0650	3506 3504	2755														
	221		510	1500	0528	3502	2768														
			OBS	T1509	0463	34007			000008	5 2.	122										
	222	?	085	T1599	0463	34997	2774		00000	5 2.	122										
REFERENCE			OBS	T1599			2774		_		122		60				_				
REFERENCE CTOT IO, COOR NO,	SHIP	LATITUI	DE LO	MGITUDE ADULT	MARSOEN SOUARE	STATION TIA	2774	AR CI	ORIGIN A	ATOR'S		149	MAX DEPTH	OBSER	EVA TIONS		THER	CLOUD		STAT	TION
CTOT IO.	SHIP	LATITUI	DE LO	- =	MARSOEN SOUARE	STATION TIN	2774	AR CI	ORIGINA	ATOR'S ATION UMBER		149	MAX DEPTH	OBSEI OII H	GT FIR SI		CODE	CODES	-	STA: NUA	TION
C187 IO. C008 NO.	SHIP	LATITUI	DE LO	MGITUDE 100 E	MARSOEN SOUARE 10° 1° /	STATION TIME	2774	AR CI	ORIGINA PUISE ST NO NI A 6 100	ATION UMBER	4 4	149 DEPTH TO STOM 5	MAX DEPTH OF 'MPL'S	1 7	GT FIR SI		THER	CODES		STA: NUA	TION
C187 IO. C008 NO.	SHIP	LATITUI	DE LO	MGITUDE 100 E	MARSOEN SOUARE 10° 1° /	STATION TIA IGMTS AO DAY HR 9 09 0 R WI RAMS DIR.	2774 1/10 15 19 ND 34tto	AR CI	ORIGINA PUISE ST NO NI A 6 100 A IR TEM DRY BULB	ATOR'S ATION UMBER OG P TC WET BULR	4	149 DEPTH TO STOM S 938	MAX DEPTH OF 'MPL'S	1 7	GT FIR SI		CODE	CODES		STA: NUA	TION
CTAT IO, COOR NO. 311526	SHIP CODE	33365	DE LO 1/10 5 N 0 7	MGITUDE 100 E	MARSOEN SOUARE	STATION TIA IGMTS AO DAY HR 9 09 0 R WI RAMS DIR.	2774 1/10 15 19 ND 34tto	AR CI 69 BARO-METER (mbs)	ORIGINA FUISE ST NO NI A 6 100 A IR TEM OULD EVEN 269	ATOR'S ATION UMBER 16 P *C WET BULK 249	4 4 4 2006 D	DEPTH TO DITTOM S 938 NO. OIS EPTHS O	MAX DEPTH OF 'MPL'S	1 7	GT FIR SI		CODE	CODES		STA: NUA	TION
CTET 10, COOR NO. 311526	SHIP	33365	DE LO	MGITUDE 100 E	MARSOEN SOUARE	STATION TIA IGMTS AO DAY HR 9 09 0 R WI RAMS DIR.	2774 1/10 15 19 ND 34tto	AR CS 69 BARO- METER (mbs)	ORIGINA PUISE ST NO NI A 6 100 A IR TEM DRY BULB	ATOR'S ATION UMBER 06 P **C WET BULR 249 07 07	4 4 × × × × × × × × × × × × × × × × × ×	149 DEPTH TO DITOM 5 938 NO. 055 EPTHS 0	MAX DEPTH OF MPL'S	OBSE	GT FIR SI	107	X 6	5 A	HO]=N	STA NUM	TION
CTET 10, COOR NO. 311526	SHIP CODE	33365	DE LO 1/10 5 N 0 7	NGITUDE 17/16 8 2 3 8 0 W	MARSOEN SOUARE 10° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1°	STATION TIMES IN THE STATE STA	2774 15 19 NO 1010 10	AR CS 69 BARO-METER (mbs)	ORIGINA ORIGINA ORIGINA ORIGINA A B TEM ORIGINA ORIGINA A B TEM ORIGINA ORI	ATOR'S (ATION UMBER)6 (FF C WET BULK 249 OTN	1 2 0 10 10 10 10 10 10 10 10 10 10 10 10 1	DEPTH TO DITTOM S 938 NO. OIS EFFTHS O 14	MAX DEPTH OF MAPL'S	OBSE	7 3	107	X 6	5 A	40 1 - M 9 - 31	STA NUM	TION WREE
CTET 10, COOR NO. 311526	SHIP CODE	33365	CARO TYPE	NGITUDE 1/10 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	MABSOEN SOUNDE 10' 1' 1' 116 32 (STATION TIME IGNATS O DAY HER O DAY HER B WIFE THE THE 16 5 '4.	2774 15 19 15 19 10 10 10 10 10 10 10 10 10 10 10 10 10 1	AR CS 69 BARO-METER (mbs1 101 -T SFI	ORIGINA ORIGINA A6 100 AIR TEM DRY BULB 269 CHIPC VOLUM NOMALT—110 ¹	ATORIS UMBER 06 P TC WET RULR 249 IE \$249 IE \$207N	44 47 47 47 47 47 47 47 47 47 47 47 47 4	149 DEPTH TO TO TO TO TO TO TO TO TO TO TO TO TO	MAAT DEPTH OF MAPL'S SPECIA BSERVATI	OBSE	7 3	107	X 6	5 A	NO 3 - Pa 9 - 01	STA NUM	TION WREE
CTET 10, COOR NO. 311526	SHIP CODE ML MESSENGE TIME & HR 1/10	33365	DE LO 1/10 5N 07	NGITUDE 17/10 2380W	MARSOEN SOUARE 10° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1° 1°	STATION TIME (INSTITUTE OF THE PROPERTY OF THE	2774 10 10 15 19 10 10 10 10 10 10 10 10 10 10 10 10 10 1	AR CS 69 BARO-METER (mbs1 101 -T SFI	ORIGINA ORIGINA ORIGINA ORIGINA A B TEM ORIGINA ORIGINA A B TEM ORIGINA ORI	ATORIS UMBER 06 P TC WET RULR 249 IE \$249 IE \$207N	44 47 47 47 47 47 47 47 47 47 47 47 47 4	149 DEPTH 100 DITOM 5 938 NO. OIS EFFHS 0 14 SOUN. VELOCI 1540 1540	MAAT DEPTH OF SPECIA BSERVATI	OBSE	7 3	107	X 6	5 A	NO3=N 9 - 01	STA NUM	TION WREE
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Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE CORE NO.	CDD4	LATIT	UDE 1/10	LONG	SITU OF	MOC 18	MAR SQU	SDEN ARE		GMTI		YEAR	CRUI		TOTAL	N	1 1	PTH TO TOM	MAZ. DEPTH DF S'MPL'S		WAVE SERVAT	IONS	WE/	4 CO	DES		5	NODC TATION TUMBER
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	18	5	08	5	000			728	36		23							154										
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			5	10	002	0		715	36		23			4304		008		154										
			5	TΟ	003	0	2	703	36		23	65	00	4265	9	013		154										
	18	5	08	5	003	7	2	694	36	226	23	68						154										
	18	5	0.8	5	004	5	2	556	36		24							153										
			5	T D	005	0	2	447	36		24		0.0	3336	7	020		153										
	18	5	0.8	5	006	8	2	159	36		25							152										
			5	TO	007	5	2	123	36	55	25	71	0.0	2322	6	027		152										
	18	5	OB	5	009	4	2	034	36		25							152										
			5	T D	010	0	2	008	36	5	26			2037		033		152										
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	18	5	0.8	5	013		_	906	36		26							152										
			5	T D	015	0	1	874	36		26		0.0	1765	7	042		152										
	18	5	0.8	5	T017			839	36		26							152										
				TD	020			815	36		26		00	1669	7	051		152										
	18	5	0.8	5	T021	5	1	804	36	35	26	45						152										
			5	TD	025	0	1	791	36	51	26		00	1656	4	059		152										
	18	5	08	S	025	4	1	789		10	26							152										
			5	TO.	030	0	1	778	36	19	26	48	00	1659	3	067		152										
	18	5	0.8	5	1039	7	1	717	36	437	26							152										
	18	5	0.8	5	7119			467		999	27							148										
			5	TO	120			466	35		27			0504				148										
			5	TD	130	0	0	452	34	99	27			0499				149										
			5	10	140			437	34	99	27			0495				149										
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206		085	0007		722	36193	235							413							
200		5TD	0010		719	3620	235	8	00432	67	004	+3	15	413							
		STD	0020	2	710	3621	236	2	00429	37	008	86	15	413							
206		OBS	0022	2	708	36210	236							413							
		SID	0030		667	3627	238		00412	24	012	28		406							
206		085	0035		615	36327	240							395							
		510	0050		319	3661	251		00287	43	014	48		331 324							
206		085	0052		290 139	36630 36652	252 256							289							
206		085 51D	0075		132	3665	256		00234	96	024	64		288							
		5TD	0100		104	3665	257		00228		03;			285							
206		085	0105		098	36646	257							284							
200		5 T D	0125		982	3661	260	5	00201	00	03	75	15	256							
206		085	T0143	1	908	36592	262	3					15	238							
		STD	0150	1	893	3658	262	6	00181	94	04	23		2 35							
206		085	10176	1	849	36564	263							227							
		5TD	0200		831	3655	264		00170	081	05	11		225							
206		085	0212		823	36549	264							225							
		5 T D	0250		816	3654	264		00169		05			229							
		5TD	0300		796	3652	264		00168	300	06.	81		229							
206		OB5	10358		758	36467 3641	265 266		00149	25.7	08	<i>ا</i> . ٥		209							
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206		085	0562		407	36075	210		0016												
200		510	0600	1	286	3590	271	4	00110	015	10	91	15	114							
		STD	0700		118	3551	271		00108	860	12	00	15	067							
206		085	10790		980	35229	271	8					15	029							
206		085	T1306		440	34981	277							901							
		5TD	1400	0	429	3498	277		0004					913							
		5 T 0	1500		418	3498	277		0004					925							
		5 T D	1750		390	3497	277		0004	160				955							
206		085	T1820	C	382	34967	278	0					14	964							

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE	SHIP	LATITUDE	Τ.	ONGITUDE 3	MAR		STATI	DN TI				IGINA	OR'S	_	OEPTH	MAX. DEPTH		WAVE	WEA	CLOU	0		HOOC	1
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							\vdash	02	503	125			222	7	15	_	-							
Г				_	$\overline{}$	_	 	-			- [-	_	_	لــُـــُـا	<u> </u>								
	MESSENGA TIME 4	LCAST C	TYPE	DEPTH (m)	7	℃	5 -	۷.	SIGM	4-1	ANOMAL		- Sy	<u>۵</u> ۵		סאנ	02 m1/1	PO4=7	1014L-F	NO2-N	NO1-N	5104-5	i.	1
μ.	HR 1/10		_	 					-				1	103	VELC	DCITT		99 4 81/I	w# + 41/1	WG - 01/1	PG = 01/1			c
					1					1			1											+
	220		STO	0000		783	360		232		0046	207	00	00	15	424						,	1	1 '
	230		BS	0000		783	360		232							424								
	230		STD BS	0010		784	360		232		0046	292	00	46		426								
	2 3 0		510	0011		784	360		232							426								
			5 T D	0020		775 765	360		233		0045		00		15									
	230		BS	0030		762	361		233		0045	203	01	38	15									
	200		STO	0050		383	361 366		234		0030	10/	0.3	12	154									
	230		85	0050		383	366		249		0030	284	02	15	153									
			STO	0075		212	367		255		0025	27.2	0.2	0.2	153									
	230		BS	0077		201	3070		255		0025	242	02	83	153									
			STD	0100		194	366		258		0022	466	03	4.3	152									
	230		BS	0101		189	366		258		0022	,00	0 5	4)	152									
			STO	0125		983	366		260		0019	1 95	03	9.6	152									
			STD	9150		902	366		262		0018		04		152									
	230	01	BS	0151	18	300	365	94	262				-	. ,	152									
			STD	0200	16	322	365	1	263		0017	183	05	32	152									
	230		85	T0200	18	322	3650	16	263	9					152									
	230		85	10246		302	3650		264	3					152	224								
	200		STD	0250		302	3650		264		0016	21	06	17	152	224								
	230		BS	0297		791	364		264						152	229								
			STD	0300		791	3649		264		0016		07		152									
	230		STO BS	0400		58	3642		264		00169	963	0.8	71	152									
	230		5 T D	10493 0500		51	3624		2661						152									
			STD	0600		144	3620		266		00159		10		152									
			STO	0700		192	3536		2710		00134 00113		11:		151									
	230		35	0748		83	3525		2720		0011.	20	1)	00	150									
			STO	0800		72	3520		273		00090	11.5	140	2 0	149									
			STD	0900		88	3510		275		00070		14		149									
		5	STD	1000		41	3503		276		00055		15		148									
	230	0.6	35	1007	05	32	3502	8	2766				•	•	148									
		5	STD	1100	05	05	3502		2771		00052	91	160) 5	148									
		9	STD	1200	04	79	3501		2773		00051		16	57	149									
		5	5 T D	1300	04	55	3501		2776		00049	12	170	8 (149	0.7								
			STD	1400	04	34	3500	1	2777	' (00048	05	179	56	149									
			STD	1500		15	3500		2779		00046	47	180) 4	149									
	230	0.5		T1555		06	3499		2780						149									
			10	1750		80	3500		2782		00044		191		149									
	230	0.6	STD	2000	0.3		3499		2784		00044	0.2	202	2.6	149									
	200	06	5	T2135	U 3	57	3499	1	2784	•					150	07								

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

PRENCE ID.	SHIP	LATITU	DE .	LONGIT		10CT	MAR	DEN ARE	STATI	ON TI		YEAR	CRUISE		ATION	_	DEPTN	MAI, DEPTH OF	045	WAVE ERVATIONS		COOES			HOOC
NO.	1000.	•	1/10	·	17/10		10*	1.	MO D	AY HI	1/10		NO.	*	UMBER		BOTTOM	S'MPL	D tal.	HG1 PIE 1	CODE	1178 A.M	1		HUMBER
11526	ML	3440	N	0743	o wi		116	44	09 1	0 0	14 1	969	A 6	10	10	- 1	3200		02	2 5	×1	8 2		1	001
	,		,					WA	150		100	FARO	T	IR TEA	17 °C	7	NO.				,			,	
								COLOR	TRANS	OIR.	1810	METER	1 7	NY	WET	COD	ORS. DEPTHS	ORSERV	CIAL						
								COOE	[#]	O 1A.	10101	(mbe)		UL#	NULE		DEPTHS								
										03	505	145	2	70	230	7	15								
	MESSENGA								\top			1	SPECIFIC		1	Δο	1	UNO							T
	1144	NO.	TYPE		OFFTH 6	m1	1	€.	5	٠4.	SIGM	A-T	ANOM	ALT-B1	, 0	A 0	VELO	CITT	01 m1/1	FO 4=F	TOTAL P	NO2-N	NO3=N vg = 61/1	\$1 O a = \$	
	HR 1/10	-		+					+		-	- 1			+	4 10.	+	-		+	+	-		-	1
				<u>, </u>	-0		1		1		1 220		001	0/0	١,	000	1,5	433							1
			ST		0000			834	359		230		004	008	• 0	000		433							
	014	•	085		0000			834 834	359		230		004	966		049		435							
			ST						359				004	000	, ,	047		435							
	014	•	085		0010			834	355		230		004	966		097		437							
			ST		0020			835 835	359		230			666 665		146		437							
	01/		085		0030			835 835	359		230		004	000	, 0	140		439							
	014		085		0045		_	8 3 7 6 6 6	362		237							407							
	014	,	51		0050			591	363		240		003	673	a n	233		392							
	014		OBS		0068			389	365		249		000	0,5	, ,			351							
	014	·	ST		0075			351	366		250		002	959	1 0	319		343							
	014		085		0000			285	366		252							330							
	01-		51		0100			269	366		253		002	699	7 0	390		328							
			ST		0125			230	366		254			606		456		322							
	014		OBS		0133			217	366		254							320							
			ST		0150			073	366		256		002	230	5 0	516		285							
	014		OBS		0174		1	938	366	06	261	7					15	252							
			ST		0200		1	904	365	9	262	2.4	001	857	1 0	619	15	246							
	014		085	T	0213	3	1	687	365	78	262	8.5					15.	243							
			51	0	0250)	1	837	365	4	263	8.8	001	747	3 0	709	15.	235							
	014		OBS		0250	5	1	829	365	28	263	3 9						233							
			ST	0	0300)	1	808	364	9	264	• l	001	730		796		234							
			5 T	0	0400)	1	687	362	9	265	55	001	624	0	963	15	213							
	014		OBS		0408	3	1	673	362	69	265	5.7					15	210							
			51	0	0500)	1	410	358	2	268	3.2	001	385	4 1	114		137							
	014	,	OBS		0594	•	1	160	354		270) 4						064							
			ST	0	0600)	1	143	354		270			152		241		059							
			5 T		0700			681	352		273		000	875	2 1	342		978							
	014	•	085		0798			680	350		275							915							
			ST		0900			678	350		275			697		421		914							
			5 T		0900			589	350		276			601.		486		895							
			ST		1000			515	350		277			529		542		882							
			ST		1100			457	350		277		000	480	1 ا	593	_	874							
	014	•	OBS		1188			419	349	-	277							873							
			ST		1200			418	349	-	277			454		539		875							
			5 T		1300			410	349	-	277			454		0.85		888							
			5 T		1400			403	349	-	271			454		730		902							
			ST		1500			395	349		276		000	453	y 1	776		915							
	014	•	085	T	154	/	0	391	349	118	276	5 U					14	921							

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE			_		7	_																					
C141 (D.	CODE	LATITUI	DE	LONGITUDE	100	SQU		A 72	ION I	IME	YEAR	\vdash	ORIGI	-			DEPTH	DEPT		WAVE		WEA-	crond)	-		DDC
CODE NO.	CODE		1/10	1/10		10*	12			HR,1/10	14.74	CRU		STAT			TO MOTFOR	S'MPL	-	SERVATIO		THER	CODE			51.	ATION
311526	ML	3455	N	07446 W		116	44	00	10	026	1969	A	6 10	11		7	2834	-	04	1	11.4	×1	8 2			+-	
							WAT	TER		MIND	SAR	10- L	AIR TE	MP		_+	NO.	<u> </u>		7	l	1 " 1	0 2	i			0011
							COLDR	1 RANS	DIR.	SPEED	MET	ER	URY ULE		ET C	ODE	OBS		ECIAL VATIONS								
								-	05	S10	14	-	270	-	\rightarrow	7	15			1							
	MISSENGE	I carr	CAR	. 1	_			-		10,0	1.4		2 / 0	-			12			ļ.,							
	FIME 1/10	ND.	TYPE		(m	1	℃	5	٠/	SIGN	1-A		MALT-1		E A	7 0	Sau		O2 ml/	PD a-		07AL-P	NO2-N	NO,-	N SLD	4 – S:	
	1110	1				+		-		+					1 1	103	******	CIT		P# - 01	71	₩ B1/1	µ₽ - 01/1	νg - ο		01/1	pН
	'	1	ST	D 0000	5	21	337	3 2 8	R.	229	5	0.0	4919	. !	000	20	150				1						
	026		085	0000			337	358		229		00	4719	0	000	JU	154										
	026		085	0009			331	358		229							154 154										
			ST	0 0010)		331	358		229		00	4899	7	004	. 0	154										
			ST	0 0020)		333	358		229			4902		000		154										
	026		085	002	7	2.8	34	359	00	229		• •			00	, 0	154										
			5 T I	0030)	2.7	182	360	3	232		00	+648	9	014	4.6	154										
	026		085	0042	2	2.5	95	363	91	241						• •	153										
			ST	0050)	24	92	363	10	244		0.0	3527	Q	022	PR	153										
	026		OBS	0065	5	2.3	3.3	363	173	249			,,,,,		0-1		153										
			STE	0075	•	22	58	365		252		00	759	4	030	16	153										
	026		0B5	0085	>	21	91	366	66	255		• • •			0 2 0	, 0	153										
			510	0100)	21	3 3	366	4	256	7	002	368	5	037	0.1	152										
			STO	0125	,	20	50	366	0	258	7		1909		042		152										
	926		085	0126				365	94																		
			STO			19		365	6	260	2	002	0528	9	048	0	152	59									
	056		085	0166		19		365	41	261	0						152										
			STE			18	90	365	2	262	3	001	8718	3	057	8	152	42									
	026		085	10201		18		365	21	262	3						152	41									
	026	(085	0234		18		364		263	4						152	30									
			SID			18		363	7	262	8	001	8364		067	1	152	29									
	0.77		STD			1.7		360	8	261	9	001	9392		076	6	152	19									
	026	(085	T0353		16																					
			SID	0400		15		356	-	264			7491		095		1515	54									
	026		STD DB5			11		352		268		001	3555		110	5	1509										
	026	L	SID	0511 0600		11		352		268							1504										
			STD	0700		0.8		351		273			8594		121		1494										
	02€)BS	0712		05		350!		276		000	5366		128	6	1485	52									
	026		STD	3830		05		350		276							1484										
			STD	3930		05		350		277			4932		133		1484										
			STO	1000		041		3501 3501		277			4761		1 38		1485										
			STO	1100		04		3500		2775			4650		143		1485										
	026	C	BS	T1159		04		1500 3499		2777		000	4571		147	Q.	1486										
	-20		STD	1200		042		3500		2778		000					1487										
			STD	1300		04		3449		2779			4495		152		1487										
			STD	1400		040		3499		2780			4453 4471		156		1488										
			STD	1>00		039		3498		2780					1014		1490										
	026	0	BS	T1551		039		3498		2790		OC.	+525	J	1659	7	1491	-									
						01.		. 4 7 3	3 6	2/40	,						1492	4									

D. CODE	LATITU	DE 1/10	CONGITUDE	200	MARSDEN SQUARE	STATION IGN	TIME TI H8,1/30	YEAR	CRUISE		ATDR'S		0111H 10 MO110H	MAX DEPTH OF	L. "		VE ATIONS		WEA-	Crani	5	-	ND STAT	DC TION
26 ML	1506	N	07502 W	1	16 55	09 10	061	_	+ +					S'MPL	S Die	+-	PP 5	A	CODE	TYPI A	7		NUA	ABL
				1 4	1800000	ATER T	MIND	1969	1	10			1035		16	3	4		× 1	2 3			0 (01
					-		SPEE	D BAS		RY TE	up t	VIS	NO.	SPE	CIAL									
					CODE	IRANS DI	1010				WET	COD	DEPTHS	ORSERV	ATIONS									
						0	5 510	14	5 25	3	202	7	12			1								
MESSENGE FIME NR 1/10	CAST	CARO		*1	1 %	\$ 1/4.	SIG	M A -1	SPECIFIC	VO(U	5 D	Δ 0 7N M	SOU		02 mi/		0,-1	101		NOj=N	NO ₃			pH
	1 1					-	-	-			-		+			+			-	- W - W -	NB 01	1 10	21 1	_
		ST			2671	3583	23	46	2044	37	. 1	000	153	19.7										
061		085			2671	3583	2.3	46			, ,	•00	153											
		ST	1 -		2669	3581		45	0044	49	3 0	044	153											
061		085	0013		2666	3580€					- 0	4	153											
		STI			2650	3586	2.3	54	0043	624		OBB	153											
		ST			2628	3595	2.3	68	0042			131	153											
061		085	8.500		2610	36043	2.3	81				- 21	153											
		510			2450	3024	24	45	0035	109	0.	209	153											
061		085	0058		2345	36324	24	83					153											
		STE			2121	3031	25	45	0025	657	0.	285	152											
061		085	0087		1972	36282	25	83					152											
0/1		STO			1805	3621	26	20	0018	574	0	340	151											
961		OBS	0116		1639	36130	26	54					151											
		STE			1601	3608	26	59	0014	931	0	882	151											
0		510			1492	3594	26	7 3	0013	674		18	151											
061		085	0172		1392	39814	26	8.5					150											
0		STE			1242	3563	27(0.1	0011	064	04	80	150											
061		085	10226		1127	35481	27						149											
0		STO			1047	3535	27	16	0009	712	0.5	32	1496											
061	1	OBS	10279		0465	35225	272						149											
06.		SID	0 - 0 +		0910	3517	272		00088	371	05	78	149											
061	1	OBS	0331		0839	35102	273						1490											
		510	0400		0695	3505	274		0006	715	0.6	56	1485											
0.0		STO			0543	3500	276	5	00052	206	0.7	16	1481											
061	(₽BS	10525		0515	34991	276						1480											
		STO	0600		0497	3499	276		00048	41	0.7	66	1480											
061	,	STD	0700		0473	3498	277		00046	93	0.8	13	1481											
061	() B S	0764		0457	34980	277	3					1481											

Table XIV. Observed and interpolated oceanographic data taken by USCGC McCULLOCH, 8–10 September 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1526.—Continued

REFERENCE CTAT ID. COOR NO.	SHIP	LATITU	1/10		GITUDE 17/1		SGU 10°	ARE 1°	MO		R,1/10	YEAR 969	CRUIS NO.	-	TATI	DN BER	DEPTH TO #01107	U S'MPL	H 01	WAVE SERVATIONS	500	E TYPE	DUD DES		5 N	NODE PATION UMBER
311526	5 ML	3508	N	0.75	06 W	1	116	55 WAT			077 :	T	*	AIR TE		c 1	NO.	7		12 171	1 ^ '	. , 0	. 1 2	†	ı	0017
								COLOR	_	DIR.	SPEED	M ET	ER	DRY BULB	w eu			0.0758	ECIAL VATIDNS							
									_	06	+	14	0	251	2	15 7	08									
	MESSINGS TIME HB 1/10	# NO	CAI		DEPTN	(m)	Т	τ	s	٠/٠.	SIGA	A.AT	SPECH	IC VOLU	*;*	\$ 0 D		LOCITY	07 ml/	POa=P 29 * H1/I	101AL- #8 * et/			ND3=N 28 - 01/1	\$1 O . = \$1 1/1a - gu	рН
			_		000			660	35	0.1	23	10	00.	4693	ا ۲	0000	1,	5362	ĺ	1			- 1		l	
	9.7		08	TD	000			560 560		014	23		00	40//	-	0000		5362								
	97	1		T D	001			553		13	23		0.0	4595	4	0046		5364								
	0.7	7	08		001			553		127	23						15	5364								
				TD	003		2	541	35	60	23	69	00	4223	7	0091	1 !	5368								
				TD	00			510	35	94	24	0.4	00	3892	4	0131	13	5366								
	0.7	7	ОВ	S	00	3 3	2	497	36	015	24	14						5364								
			S	TD	009	0	2	398	36	20	24	58	00	3391	2	0204		5346								
	07	7	OB	5	009	5 3	2	368		223								5339								
			S	10	00.			984		27	25		0.0	2243	3	0274		5244								
	0.7	7	08		008			917		280					_			5227								
				TD	011			730		17	26		00	1710	8	0324		5175								
	0.7	7	08		010			684		139						0746		5162								
				TO	01.			620		Ú5	26			1557		0365		5144 5119								
				TD	01			529		95	26		00	1439	U	0402		5109								
	07		ОВ		01			494		910								5086								
	0.7	7	0.8	15	0.1	14	ı	413	32	833	26	84						,,,,,								

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.

	SNIP	LATITUE) i	DNGITUDE 500	MARSDEN SQUARE	STATION TO	IME	TEAR	ORIGINA CPUISE ST	TOP'S	DEFTH TO	MAX	DBS	WAVE ERVATIONS	WEA	CLOUC			NODC TATION	
CODE ND.	DDE		1/10	1710	10° 1°	MO DAY H			NO. NL	MBER	#OTTO#	S.M.BC.		HGT PTB S	CDO	ITPL AM	1		ESEALUP	
311566	AZ	3156	N [O	7006 W	116 10 WA		096 VIND	1969	AIR TEAL	£ 1	5303 NO.	ļ	30	2 3	×1	6 4			0001	
					COLOR	TRANS DIR.	SPETO	MET	ER DRY	WET COD	0.65	DBZERV								
						31	519	25	5 159	117 7	14									
-	ESSENGE TIME 0	CAST NO.	CARD	DEPTH (m)	2.1	5 %.	5161	NA-T	SPECIFIC VOLUM	ž ∆ D Otn. #	50	UND	D2 ml/l	104-1	POTAL-P		ND3-N	51.04=51		Š
٣	R 1/10	1	1176			-	-			£ 10 ³	VEL	OCITY		ν g - m1/1	μg + π1/1	vg - at/	μg - et/1	P1 - 02/	-	c
1			STO	0000	2275	3647	25		0028340	0000		310		l		}	ļ	1	1	
	096		085 510	0000	2275 2272	36470 3647	25 25		0028291	0028		310								
	396		085	0011	2272	36472	25		0028279	0057		311								
			510 510	0020	2270 2269	3647 3647	25 25		0028272	0085		314								
	096		085 085	0040	2268 2269	36472 36478	25 25					314								
	0.46		510	0050	2250	3651	25	24	0027548	0141	15	313								
	096		S10	0075	2201	3659 36597	25 25		0025732	0407		05 305								
			STD	0100	1988	3660	26	03	0020232	0465	15	253								
	096		OBS STD	0102	1973 1926	36601 3659	26 26		0018823	0314		249 240								
	096		STD	0150 0151	1883	3658 36584	26	29	0017920	0359	15	232								
	006		085	0199	1825	36547	26					223								
	096		5TD 0BS	0200	1825 1801	3655 36521	26 26		0016958	0447		223 224								
			STO	0250	1798	3652	26	46	0016681	0>31		224								
	096		085 510	0300	1774 1774	36491 3649	26 26	50	0016479	0614	15	224								
	096		5TD 085	0468	1767 1762	3648	26 26		0016721	0780		239 248								
	0,0		510	0500	1680	3647	26	71	0015104	0939	15	229								
	096		STD	0600 0673	1441	3635 36139	27	16	0010956	1069	15	170								
			510	0700	1224	3596 3543	27		0009614	1172		110 052								
	096		510 085	T 0 8 4 8	0947	35249	27.				15	027								
			510 510	0900 1000	0862 0716	3521 3514	27 27		0008951	1366		963								
			SID	1100	0593	3507	27	64	0006148	1514	14	931								
	096		085	T1130	0551	35049	27	66			14	922								
REFERENCE	нь	1 4 17711705		MCITURE &	MARSDEN	STATION THE	ME	****	ORIGINAT		DEPTH	MAR		WAV.	wta-	CLDUD			HOOC	
5		LA TITUDE	/16 LD	NGITUDE 50	SQUARE	STATION THE	_	7E A#	CRUISE STA	TION	DEPTH TD BOTTOM	MAR DEPTH OF S'MPL'S	0456	WAV' BVATIONS	THEA	CLDUD CDDES		5	NOOC TATION UMBER	
CTET ID. CO	100	. ,	/10	NGITUDE BE	10° 1° 116 20	1GMT) MO DAY HE	30 1	969	A6 1102	TIDN MBER	5 3 0 4	DEPTH	0856	EVA TIONS	THEA	CDDES		N N	TATION	
CTET ID. CO	100	. ,	/10	NGITUDE BE	10' 1' 116 20 WAT	IGMTI MO DAY HE 11 16 1	30 1	969 ###	A6 1102	TIDN W\$EP	5 3 0 4 ND.	DEPTH	0856 08. 26	EVATIONS HOT ME SI	CODE	TIPE A M		N N	UMBER	
CTET ID. CO	100	. ,	/10	NGITUDE BE	10' 1' 116 20 WAT	IGMT) MO DAY H3 11 16 1 ER W TEANS DIR	30 1 INO SPEED OR FOICE	969	A6 1102 A6 1102 AB TEMP B Dat 1	TIDN W\$EP	5 3 0 4 ND.	DEPTH OF S'MPL'S	0856 08. 26	EVATIONS HOT ME SI	CODE	TIPE A M		N N	UMBER	
311566 A	2 3	3214	/16 N 07	NGITUDE BE	10' 1' 116 20 WAT	IGMT) MO DAY HE 11 16 1 ER W TRANS DIR.	30 1 1NO SMED ON FOICE \$1.2	969 Mitte Imbe	A6 1102 A6 1102 AB TEMP B DET 118 2 178 1	TIDN WEET VIL VIL CODE ULL	5 30 4 ND. 085. DEPTHS	DEPTH OF S'MPL'S SPEC OBSERVA	OBSE OB. 26	EVATIONS HOT ME SI	THE CODE	TIPE A M	ND3-N	5 N	TATION UMBER 0002	4
311566 A	2 3	3214	/16 N 07	1035 W	10' 1' 116 20 WAT COLOR CODE	IGMT) MO DAY H3 11 16 1 ER W TEANS DIR	30 1 INO SPEED OR FOICE	969 Mitte Imbe	A6 1102 A6 1102 AB TEMP BULE 2 178 1	TIDN WEET VIL VET ULE	5 30 4 ND. 085. DEPTHS	DEPTH OF S'MPL'S SPEC OBSERVA	0856 08. 26	evations not real si 2 2	THE CODE X1	8 6	ND ₃ -N y8 - 01/1	N N	UMBER	
311566 A	AZ 3	3214	/16 N 07	1035 W	10' 1' 116 20 WAT COLOR CODE	IGMT) MO DAY HE 11 16 1 ER W TRANS DIR.	30 1 1NO SMED ON FOICE \$1.2	.969 METE Imbe 26:	A6 1102 A6 1102 AB TEMP B DET 118 2 178 1	TIDN WEEK VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	5 30 4 ND. 085. DEPTHS	DEPTH OF STMPL'S	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	- CC
311566 A	2 3	CAST ND	CARD 11FE 510	DEPTH (m)	50UARE 10' 1' 116 20 WAT CDOM CODE 7 T	IGMT) MO DAY NI 11 16 1 18 W TEANS DIR. 31 31	30 1 1NO 1NO 1NO 1NO 1NO 1NO 1NO 1NO 1NO 1N	969 SABC METE Imbe 26: A-T	CRUISE STAND NU. A 6 1102 Date 1102 178 11 78 11 11 11 11 11 11 11 11 11 11 11 11 11	TIDN WEET VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	5304 ND. 085. DEPTHS 13 500 VELD 153	SPECO DESERVA	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	# U C
311566 A	SSINGS TIME OF 1/18	CAST ND	CARD 1176 510 985 510	DEFTH (m) 0000 0000 0010	10° 1° 100 11° 11° 11° 11° 11° 11° 11° 1	1GMT) MO DAY HI 11 16 1 TEANS DUL 31 5 %. 3648 36484 36484 36484	30 1 30 1 INO SPEED SOLCE S1GM 251 251 251 251 251	969 	CRUISE STAND AG 1102 AG 1102 DE TEMPA DET 1 SULE 1 2 178 1 IMCUNC VOLUMA ANOMAL1-112 0027884 0027923	TIDN MSET VIL VIL VIL CODE VIL VIL CODE VIL VIL CODE VIL VIL CODE VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	13 SOU VELD	SPECO DESERVI	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	1 U C
311566 A	SSINGE TIME OF 1/10	CAST ND	CARD 11PE 510 985 510 985 510	DEFTH (m) 0000 0000 0010 0010 0020	10° 1° 10° 11° 11° 11° 11° 11° 11° 11° 1	15 %.	30 1 30 1 INO INO STEED OOL FOICE 512 SIGM 251 251 251 251 251 251	969 #### 26; #### 26; #### 26;	CBUSE STAND NU. A 6 1102 A 6 1102 DBT SUBSE STAND NU. A 6 1102 A 1 TEMP DBT SUBSE STAND NU. SPECIFIC VOLUME AHOMALT-STS? 0027884 0027923 0027879	TIDN WEET VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	153 153 153 153 153	SPECOBSERVA	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	# U C
311566 A	130 130	CAST ND	CARD 11776 510 085 510 085	DEFTH (m) 0000 0000 0010 0010 0020 0030 0031	30u-4t 10° 1° 11 116 20 wa¹ CDLON CODE v T	GMT MO DAT HI	30 1 INO SPEED POICE S1GM 251 251 251 251 252 252 252	969 \$ABC METE Imbe 26: A-T	CRUISE STAND AG 1102 AG 1102 DE TEMPA DET 1 SULE 1 2 178 1 IMCUNC VOLUMA ANOMAL1-112 0027884 0027923	TIDN WEET VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	5304 ND. OBS. 13 13 SOUVELD 153 153 153 153 153	SPEC OBSERVA	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	1 C C C
311566 A	351NGB 1718 130 13	CAST ND	CARD 1176 S10 085 510 085 510 085 510 085 510	0000 0000 0010 0020 0031 0049 0050	30u-41 10° 116 20 116 20 WAT COLON COLON 2262 2262 2262 2262 2262 2256 2256 2256 2256 2256 2256	10 MO DAY HI II I I I I I I I I I I I I I I I I	251 251 251 251 251 252 252 252 252 252	969 BABCO METE Imbe 26: A-T 9 9 9 11 11	CBUSE STAND NU. A 6 1102 A 6 1102 DBT SUBSE STAND NU. A 6 1102 A 1 TEMP DBT SUBSE STAND NU. SPECIFIC VOLUME AHOMALT-STS? 0027884 0027923 0027879	TIDN WEET VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	5304 ND. DBS. DEPTHS 13 SOUVELD 153 153 153 153 153 153 153	SPECO 08582/	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	
311566 A	130 130	CAST ND	CARD 1176 510 985 510 985 510 985	035 W 0000 0000 0010 0010 0020 0031 0049	116 20	GMT MO DAT H3 H3 H3 H3 H3 H3 H3 H	30 1 INO FREE OF FORCE S12 SIGM	969 \$A8CA MATE Inhab 26: A-T	CBUSE STAND	TIDN WEEK VIL VIL VIL VIL VIL VIL VIL VIL VIL VIL	5304 ND. OBS. 13 SOULVELD 153 153 153 153 153 153 153	SPECO 08582/	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	I C C
311566 A	351NGB 1718 130 13	CAST ND	CARD 11776 510 085 510 085 510 085 510 085 510 085 510 085	0000 0000 0010 0010 0010 0010 0010 001	10° 116 20 116 20 116	GMT MO OMT MI I	300 11 into 17	969 BARCA METE (INBB 26) A-T 99 99 90 111111994433	COUNTY OF THE PROPERTY OF THE	TIDM 100	5 30 4 ND. 085. DEFTHS 1 3 SOU VILID 1 5 3	SPECOSSERVI	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	W C C
311566 A	SSINGA 3 3 3 3 3 3 3 3 3	CAST ND	CARD 1176 STO 085 STO 085 STO 085 STO 085 STO 085 STO 085 STO 085 STO 085 STO STO STO STO	0000 0000 0000 0010 0010 0020 0031 0049 0050 0074 0075 0098 0100 0125	10° 10°	10	30 1 IND 30 1 IND 30 1 IND 30 1 IND 30 1 IND 30 1 IND 30 1 IND 30 1 IND 30 IND	969	COUNT STAND NO NU A 6 1102 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TIDN WEET COOR 25 7 \$ \$\times D D N \text{N} & \$\text{E} & \$\text{U} & \$\text{U}\$ &	TO TO TO TO TO TO TO TO TO TO TO TO TO T	DEPTH OF STREET	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	200
311566 A	SSINGA TIME OF 1/10 130 130 130 130	CAST ND	CARD 1176 STO DBS STO	0000 0000 0000 0010 0010 0020 0030 0031 0031	30u-41 1116 20 wa1 cotost 1 T 2262 2262 2262 2262 2262 2256 2256 225	GMT MO DAT MO DAT MO DAT MO DAT MO MO MO MO MO MO MO M	251 251 251 251 252 252 252 252 252 260 260 260	969	STA STA	TIDN WHERE TO THE T	TO TO TO TO TO TO TO TO TO TO TO TO TO T	DEPTH OF SPECIAL SPECI	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	- UOU
311566 A	SSINGA 3 3 3 3 3 3 3 3 3	TOTAL CONTRACTOR OF THE CONTRA	CARD N 07 07 07 07 07 07 07	0000 0000 0000 0000 0010 0020 0030 0031 0049 0050 0074 0075 0075 0075 0010 01075 0147 0157	10° 11° 20 11°	3048 3648 3648 3648 3648 3648 3649 3649 3655 3655 3655 3655 3655 3	30 1 10 10 10 10 10 10 10 10 10 10 10 10	969 	COURT OF THE PROPERTY OF THE P	TIDN WHERE WITH COORD AND ADDRESS OF TOOLS ADDRESS OF TOO	TO TO TO TO TO TO TO TO TO TO TO TO TO T	DEPTH OF STREET	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	-UU
311566 A	SSINGE	1214	CARD 11776 STO 0085 S	0000 0000 0000 0010 0010 0010 0030 0031 0031 0050 0050	10° 11 10° 20 11 10° 20° 20° 20° 20° 20° 20° 20° 20° 20° 2	1 16 1 18 18 19 19 19 19 19	SIGM SIGM	969 	STA STA	TIDN WHERE TO THE T	TO TO TO TO TO TO TO TO TO TO TO TO TO T	DEPTH OF STREET	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	WU 0
311566 A	130 130 130 130 130 130 130 130 130 130	CAST ND	CARD N 077	0000 0000 0000 0010 0010 0010 0030 0031 0031 0031 0037 0074 0075 0098 0074 0075 0098 0010 0010 0010 0010 0010 0010 0010	10° 11 10° 20 110°	3048 3648 3648 3648 3649 3649 3655 3655 3655 236649 436649	251 251 251 251 252 252 252 252 252 260 260 264 264 264	969 BABCO MATERIA (1986) 26: A-T 9999 9900 1111 1119 944 33 33 32 266 44 55 999 990 900 1110 1110 1110 1110 1110	COURT OF THE PROPERTY OF THE P	TIDN WHERE WITH COORD AND ADDRESS OF TOOLS ADDRESS OF TOO	5304 ND. OBS. 13 3004 VELD. 153 153 153 153 153 153 153 153	Depth OF OF OF OF OF OF OF	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	- UU
311566 A	SSINGE	CAST ND	CARD 1176 STO DBS STO	0000 0000 0000 0000 0010 0010 0020 0030 003	10 10 10 10 10 10 10 10	3048 3648 3648 3648 3648 3648 3648 3648 36	251 251 251 251 251 252 252 252 252 260 260 264 264 264 265	969 BARET METE Industrial	State	Tiph Tiph	5304 NO. 105. DFFHs 13 SOLUTION VELOCITY 153 155 155 155 155 155 155 155 155 155	OFFICE O	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	200
311566 A	130 130 130 130 130 130 130 130 130 130	CAST ND	CARD 1177	0000 0000 0000 0010 0010 0010 0010 0030 0031 0049 0050 0074 0075 0098 00125 00147 00150 00160 00174 00	300-48 10° 11 10 20 11 10 20 10 10	3648 3648 3648 3648 3648 3648 3648 3648	300 1 300 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	969 BARCH METER (IND.) 26: 4-1 9999 900 11 11 11 944 33 33 32 664 465 999 944 355	COURT STAND NO. NO. NO. NO. NO. NO. NO. NO. NO. NO.	Tiph Tiph	To To To To To To To To To To To To To T	Depth	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	WUU
311566 A	130 130 130 130 130 130 130 130 130 130	CAST ND	\$10 085 510 08	0000 0000 0000 0010 0010 0010 0030 0031 0031 0039 0050 0075 0098 0010 0075 0098 0010 0010 0020 0030 0030 0030 0030 0030	10 10 20 10 10 10 10 10	MO DAY MAN DAY	300 1 300 1	969 BARCE 999 900 111 111 944 333 322 644 559 994 435 533 33	COURT STAND	100 miles 100 mi	To To To To To To To To To To To To To T	Depth	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	WUU T
311566 A	130 130 130 130 130 130 130 130 130 130	CAST ND	\$10 085 510 08	0000 0000 0000 0010 0010 0010 0030 0031 0031 0031 0037 0074 0075 0098 0070 0074 0075 0098 0090 0090 0090 0090 0090 0090 009	10° 11° 20 11° 11° 20° 11° 11° 20° 11°	3048 3648 3648 3648 3649 3648 3655 3655 3655 3655 3655 3657 3657 3647 4641 36305 3657	251 251 251 251 252 252 252 252 252 252	969 BARET (INBA 26) 26: 4-T 9999900111111994333322664455994443353339944	COURT OF THE PROPERTY OF THE P	100 miles 100 mi	To To To To To To To To To To To To To T	SPECOSSIEV. SPECO	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	W UU W
311566 A	130 130 130 130 130 130 130 130 130 130	CAST ND	CARD N 07 07 07 07 07 07 07	0000 0000 0000 0010 0010 0010 0010 001	2262 2262 2262 2262 2262 2262 2256 2256	3648 3648 3648 3648 3648 3648 3648 3648	251 251 251 251 251 251 252 252 252 252	969 BACT P9999 9990 11111 1119 4433 33266 4455 9999 4455 3339 9999 4455 4559 4	COURT OF THE PROPERTY OF THE P		To To To To To To To To To To To To To T	Depth	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	WUU C
311566 A	SSINGS	CAST NO	CALD 117H 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 085 510 510 510 510 510 510 510 510 510 51	0000 0000 0000 0010 0010 0010 0010 0030 0031 0031 0031 0037 0050 0070 0070 0070 0070 0070 0070	10 10 20 10 10 10 10 10	3648 3648 3648 3648 3648 3648 3648 3648	300 1 1 NO 1 1 NO 1 NO 1 NO 1 NO 1 NO 1 N	969	COURT OF THE PROPERTY OF THE P	100 miles 100 mi	5 30 4 No. 10 15 2 15 2 15 2 15 2 15 2 15 2 15 2 1	SPECO 45 (1977) 10 (1977)	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	WUU.
311566 A	130 130 130 130 130 130 130 130 130 130	CAST NO	CARD N 077 STO 085 ST	0000 0000 0000 0000 0000 0010 0020 0030 003	2262 2262 2262 2262 2262 2262 2256 2256	3648 3648 3648 3648 3648 3648 3649 3659 3655 3655 3655 3655 3655 3655 365	300 1 NOTE 300 1 STATE 300	969 	State	Tiph Tiph	To bottom Mon. 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	STREET S	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	WUU
311566 A	SSINGS	CAST NO	CARD 1776 17	0000 0000 0000 0010 0010 0010 0010 001	10 10 20 10 10 10 10 10	3648 3648 3648 3648 3648 3648 3648 3648	30 1 30 1 30 1 30 1 30 1 30 1 30 1 30 1	96999999999999999999999999999999999999	COURT OF THE PROPERTY OF THE P	100 100	To bottom Mon. 15 30 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SPECO SPEC	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	- UU
311566 A	SSINGS	CAST NO	CARD N 077 STO 085 ST	0000 0000 0000 0010 0010 0010 0010 0030 0031 0049 0050 0074 0075 0098 0010 0077 0098 0010 0010 0029 0030 0030 0031 0049 0050 0050 0074 0075 0098 0098 0098 0098 0099 0099 0099 009	10 10 20 10 10 10 10 10	3648 3648 3648 3648 3648 3648 3648 3648	300 1 1 NO 1 1 NO 1 NO 1 NO 1 NO 1 NO 1 N	96999999999999999999999999999999999999	State Stat	100 100	5 30 4 No. 1 South of the state	SPECO SPEC	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	WUU TOUR
311566 A	SSINGS	CCAST NO	CARD 1777 17	0000 0000 0000 0000 0010 0010 0020 0030 003	10 10 10 10 10 10 10 10	3048 3648 3648 3648 3648 3648 3648 3648 36	1.17/10 300 1 300 1 1000 1010 1	969 PARTICIPATE 1999 9999011111994433333266443553333994422300114488114477	State Stat	Total Tota	To bottom Moc. 15 30 4 4 5 15 2 15 2 15 2 15 2 15 2 15 2 15	Distriction of the control of the co	OBSE OB. 26	#VATIONS #GT PET ST 2 2	THE CODE	000ts		51 O e - 5:	TATION UMBER 0002	TOUR TOUR

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

EFERENCE	SHIP					ABSDEN	ST	TATION TI	ME		DRIGINAT		DEFTH	DEPTH		VAVE SHOIT AVE	WEA	- CLOU	2		NDDC TATION
187 IO.	COOL	LATITUE	1/10 L	ONGITUDE 1/10	1 N	OUARE 1	MO		A,1/10	YEAR	NO. NU	TION MBER	10110	0.0	1 0.11	ICT HIT SEA	COO	TYPE		1	NUMBER
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						COLOS			IND	MATE			NO.	SPI	ECIAL 2 MOIT AV						
						COOE		-	ONC	(mbs) BULB	_	DBS. DEPTH	5							
				т	- 1		4-	31	518	28		30 7	14	١.,					т —	T	1
	MPSSANGA TIMB 1	CAST ND.	CARD	DEPTH U	·,	7 1		\$ 14.	SIG	MA-7	ANDMALT-118	₹ △ 0 01N. W	20	LOCITY	03 mi/l	PO4=P pq = 41/1	1014 L=1		NO3=N vg - st/1	\$1 O4~\$1 y9 = a1/1	
- 1	H# 1/10	1		+			+		+			1							1	-	+
,		1 [STD	0000	- 1	2258		646	25		0027963	0000		5306		1		1	F	,	1
	160		085 510	0000		2258 2259		6458	25 25		0028034	0026		5306 5308							
	160		085	0011		2259		6457	25				1:	5308							
			510	0020		2254		646	25 25	19	0027939	0056		5308							
	160		510 0B5	0030		2251	-	6456	25		0021704	0004		5310							
			510	0050		2252		645	25	19	0028032	0140		5312							
	160		085 5 1 0	0055		2252		6449	25 25		0023250	0204		5278							
	160		OBS	0083		2047	3	6589	25					5266							
	160		5 1 0	0100		1963 1920		659 6583	26 26		0019712	0258		5246 5236							
	100		510	0125		1893		657	26		0018177	0305	1.5	5231							
			STD	0150		1855		656	26	35	0017412	0349	1 9	5224							
	160		085 5 1 0	0165		1797	-	6547	26	46	0016484	0434	15	5215							
	160		085	T0223		1780	3	6497	26			05.17		5214							
	160		510 085	0250		1771 1762		646	26 26		0016473	0517		5215 5216							
	100		STO	0300		1753	3	641	26	48	0016580	0599	1	5217							
	160	1	085 STD	0330		1739		6383	26 26		0016459	0764		5218 5221							
			510	0500		1623	-	620		63	0015746	0925	1 !	5209							
	160		OBS	0548		1558		589	26 26		0013947	1074		5195 5159							
			STD	0600		1425 1191		554		04	0013947	1204		5093							
			510	0800		0986		527		21	0010445	1316		5034							
	16	1	085 5 1 0	0900		0976		5262 516	27	41	0008465	1411		5031 4983							
			510	1000	1	0661	3	1507	27	55	0007000	1488		4941							
	160	1	085	11095		0547		14999 1500	27	64	0006003	1553		4910 4911							
						0522		500		67	0005785	1612	1	4918							
			5 T D	1200																	
			ST0	1300		0498	3	500		70	0005568	1669		4924							
			STO	1300 1400			3 3	1500	27 27	73 75		1669 1723 1776	1	4931 4938							
	160)	ST0 ST0 ST0	1300 1400	i i	0498 0474	3 3	1500	27 27	7.3	0005568	1723	1	4931							
	160		STO STO STO STO	1300 1400 1500 11659	LeT	0498 0474 0450 0412	3 3 3	500 5002	27 27 27	73 75 80	0005568 0005340 0005115	1723 1776	DEPT	4931 4938 4949	X.	WAVE	WE	. CIDI			NODC
ID.	Т Т	LA INTL	STO STO STO STO	1300 1400 1500	000 to	0498 0474 0450 0412	3 3 3	500 500 5002 STATION	27 27 27	73 75 80	0005568 0005340 0005115	1723	1 1 1	4931 4938 4949	DBS	WAVE ERVATIONS	THE	. C00	ES		NODC STATION NUMBER
ID.	SHIP		ST0 ST0 ST0 OBS	1300 1400 1500 T1659	IN DOCUM	0498 0474 0450 0412 AARSDEN SQUARE 10' 1'	3 3 3 3	500 500 5002 STATION GAT	27 27 27 11ME HR 1/10	73 75 80	O005568 0005340 0005115 ORIGINA CRUISE 57 NO N	1725 1776 for's ATION	DEPT TO	4931 4938 4949 PM DEN	DBS		THE	E ITEL A	ES MI		STATION
ID.	SHIP	LATITU	ST0 ST0 ST0 OBS	1300 1400 1500 11650 LONGITUDE	IN DOCUM	0498 0474 0450 0412 AARSDEN SQUARE 16 21 W	3 3 3 3 5 MC	STATION GAT	27 27 27 71ME HR 1/10 190 WIND	73 75 80 YEAR	0005568 0005340 0005115	1776 1776 ATION IMBER 4 P TC VI	0EPT 10 80110 512 NO. 085	4931 4938 4949 PH DEPT OF STAFF	L'S DH.	HGT NF SI	COC	F COD	ES MI		NUMBER
ID.	SHIP	LATITU	ST0 ST0 ST0 OBS	1300 1400 1500 11650 LONGITUDE	IN DOCUM	0498 0474 0450 0412 AARSDEN SQUARE 10 1 1 W	3 3 3 3 5 MC	STATION (GMT)	27 27 27 27 190 WIND	73 75 80 YEAR 1965 MET (mb	0005568 0005340 0005115 0005115 0005115 0005115 0005115	1776 1776 ATION FMBER WET CO	512 512 512 5085	4931 4938 4949 OM SIMP	L'S DH. 0.6	HGT NF SI	COC	F COD	ES MI		NUMBER
PY ID.	SHIP	3248	ST0 ST0 ST0 ST0 OBS	1300 1400 1500 11650 LONGITUDE	IN DOCUM	04 98 04 74 04 50 04 12 AAESDEN SQUARE 10' 1' 16 21 W COLO	3 3 3 3 5 MC	15 JU 15 00 15 00 2 STATION (GMT) D OAY 1 16 (MT) DIR (MT) DIR (MT) DIR	27 27 27 27 190 WIND	73 75 80 YEAR 1969 BAI	0005568 0005340 0005115 0005115 0005115 1500000000000	1723 1776 ATION IMBER 4 P TU VI WET CO BULB	512 NO. 08570	4931 4938 4949 IH DEN OLST	CH DBS	2 2	THE COO	F COD	6		STATION NUMBER
M ID.	SHIP CODE AZ	3248	ST0 ST0 ST0 OBS	1300 1400 1500 11650 LONGITUDE	11000	0498 0474 0450 0412 AARSDEN SQUARE 16 21 W	3 3 3 3 5 MC	STATION (GMT)	27 27 27 27 71ME HR 1/10 190 WIND SPII 04 101 52	73 75 80 YEAR 1965 MET (mb	0005568 0005340 0005115 0005115 0005115 0005115 0005115	1723 1776 ATION DMBER 4 P TO WET CO	512 512 512 512	4931 4938 4949 OM SIMP	L'S DH. 0.6	HGT NF SI	COC	P COD	6 NO3=9	\$10	STATION NUMBER 0004
M ID.	SHIP	3248	ST0 ST0 ST0 OBS	1300 1400 1500 11659 LONGHUGE 1710	11000	04 98 04 74 04 50 04 12 AAESDEN SQUARE 10' 1' 16 21 W COLO	3 3 3 3 5 MC	15 JU 15 00 15 00 2 STATION (GMT) D OAY 1 16 (MT) DIR (MT) DIR (MT) DIR	27 27 27 27 71ME HR 1/10 190 WIND SPII 04 101 52	73 75 80 1969 MEI (mb	0005568 0005340 0005115 0005115 0005115 000 N 00	1725 1776 1776 1776 1776 1776 1776 1776 177	512 512 512 512	4931 4938 4949 TH DEPT OISTME	CH DBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
PY ID.	AZ MISSING TIME HR 1/10	3 2 4 8	STO STO STO STO STO STO STO STO STO STO	1300 1400 1500 11650 11650 1000 1000 1000 1000	1	0498 0474 0450 0412 AAESDEN SQUARE 10 1: 16 21 V COLO CODD	3 3 3 3 3 3 5 MACE THE TENT OF	15 JU 15 00 15 00 2 STATION 1 (GMTI D DAY 1 1 16 1 16 3 3 3 5 *4.	27 27 27 27 190 190 190 190 190 190 190 190 190 21	73 75 80 1969 1969 1 27	0005568 0005340 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115	1725 1776 1776 1776 1776 1776 1776 1776 177	5 12 5 12 5 12 5 12 5 12 5 12 0 085 0 085 0 085 0 0 1	4931 4938 4949 DEPT OF STANF	CH DBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
PY ID.	AZ MESSENGE TIME HR 1/10	3 2 4 8	STO STO STO OBS INIO	1300 1400 1500 11650 116	1	0498 0474 0450 0412 AARSDEN SQUARE 10' 1' 16 21 W COLO CODD	3 3 3 3 3 3 5 S S S S S S S S S S S S S	1500 1500 15002 1514TION: 1GANTI D DAY: 1 16 1 16 33 5 °4.	27 27 27 27 27 190 190 WIND 1 371 04 101 52	73 75 80 1969 MET (mb	0005568 0005340 0005115 0005115 0005115 000 N 00	1725 1776 1776 1776 1776 1776 1776 1776 177	5 12 5 12 5 12 5 12 5 12 5 12 085 085 087 087	4931 4938 4949 1 DEPT OD STAFF	CH DBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
PY ID.	AZ MISSING TIME HR 1/10	3 2 4 8	STO STO STO OBS	1300 1400 1500 11650 11650 17165 1716 17134 W	1	0498 0474 0450 0412 07 17 16 21 W COLO COD	3 3 3 3 3 5 MCC 11 1 ATER	15 JU 15 00 15 00 2 STATION 1 10 0 0 1 1 16 33 3 3 5 4.	2.77 2.77 2.77 2.77 2.77 2.79 2.91 2.91 2.91 2.91 2.91 2.91 2.91 2.9	1969 1969 1969 1 21	0005568 00051340 0005115 001GINA NO A BETWEEN OF THE PROPERTY	1722 1776 ATION MEER 4 P T WET ON WHET ON WET ON WET ON WET ON WET ON WET ON WET ON WET ON WET ON WH	DEPT TO BOTTCO TO DEPT TO DE	4931 4938 4949 1 MA DEPI OI STMP 1 SSOUND ELOCITY 5306 5306 5306 5306	CH DBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
M ID.	AZ MISSENG TIME HR 1/10	3 2 4 8	STO STO STO OBS IVIO N C	1300 1400 1500 1165° 1165° 17165° 17134 W	1	0498 0474 0450 0412 0412 16 21 W COLO COD 1 %	3 3 3 3 3 3 5 S S S S S S S S S S S S S	1500 1500 1500 15002 STATION : (GMT) 1 16 ANS DIP 33 5 *4. 3646 36463 3645 3645 3646 3645 3646	2.77 2.77 2.77 2.77 2.77 2.77 2.79 2.79	773 775 80 1969 1969 1 21 600 1 21 600 1 21	0005568 0005340 0005115 CBUISE 51 NO NO NO NO NO NO NO NO NO NO NO NO NO N	1722 1776 ATION IMBER 4 P T WET ON WH	OEPT OEPT	4931 4938 4949 1 MA DEPI OD STAFF 1 SOUND ELOCITY 5306 5306 5306 5306 5307	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
PY ID.	AZ MESSENGE TIME HR 1/10	3 2 4 8	STO STO OBS	1300 1400 1400 1500 11650 1016	110000000000000000000000000000000000000	0498 0474 0450 0412 ARESDEN SQUARE 10° 1° 16 21 W COLO CODI 1 ° C	3 3 3 3 3 3 5 S S S S S S S S S S S S S	1500 1500 15002 STATION : (GMT) 1 16 1 16 1 33 3 5 */ 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 6 4 6 1 3 6 4 4 1 3 6 6 4 6 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	73 75 80 VEAR 1965 PARTICINATION OF THE PROPERTY OF THE PRO	0005568 00051340 0005115 001GINA NO A BETWEEN OF THE PROPERTY	1775 1776 TOR'S ATION WET WET WET SULB 1474 # # # # # # # # # # # # # # # # # # #	OEPT OEPT OEPT OEPT OEFT	4931 4938 4949 1 DEPT 1 SOUNO 5306 5306 5306 5306 5306 5308 5308	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
M ID.	AZ MISSENG TIME HR 1/10	3 2 4 8	STO STO STO OBS	1300 1400 1500 11650 171650 171650 17134 W	11	0498 0474 0450 0412 AABSDEN SQUARE 10° 1' 16 21 V COLO COLO COLO COLO COLO COLO 2257 2257 2257 2253 2248 2247 2250	3 3 3 3 3 3 3 5 S S S S S S S S S S S S	1500 (15002 (150	2.7 2.77 2.77 2.77 2.77 2.77 2.77 2.77	73 75 80 1968 1969 1969 1969 1969 1969 1969 1969	0005568 0005115 0005115 0005115 00160M 1000 1000 1000 1000 1000 1000 10	1776 1776 ATION MEER 4 F T	S 1 1 1 1 1 1 1 1 1	4931 4938 4949 1 1 5306 5306 5306 5306 5307 5308 5307 5308 5308	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
M ID.	MISSING TIME HR 1/10	3 2 4 8	STO STO OBS	1300 1400 1500 11650 171650 171650 17134 W	11	0498 0474 0450 0412 ARESDEN SQUARE 10° 1° 16 21 W COLO CODI 1 ° C	3 3 3 3 3 3 MCC 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1500 1500 15002 STATION : (GMT) 1 16 1 16 1 33 3 5 */ 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 3 6 4 6 3 6 4 6 1 3 6 4 4 1 3 6 6 4 6 1 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	27 277 277 277 277 277 277 277 277 277	73 75 80 VEAR 1965 PARTICINATION OF THE PROPERTY OF THE PRO	0005568 00053140 0005115 0016GMA CBUSSE NS NS NS NS NS NS NS NS NS NS NS NS NS	1722 1776 ATION JAMER 4 P T UNITED NO. 100 1474 B E E E E E E E E E E E E E E E E E E	O	4931 4938 4949 1 DEPT 1 SOUNO 5306 5306 5306 5306 5306 5308 5308	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
PY ID.	MISSING TIME HT 1/10	3248 3248	STO STO STO OBS	1300 1440 1500 11650 11650 11650 107134 W	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0498 0474 0450 0450 0450 0450 0450 0450 0450	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	55UC 15002 STATION (GMTI) 1 16 33 S */. 33 646 33 646 33 644 33 644 33 644 33 644 33 644 33 644 33 644 33 644 33 644 33 644 36 64 3	27 27 27 27 27 190 190 52 52 52 25 25 25 25 25 25 25 25 25 25	73 75 80 1965 8 BAIM Methods 1 27 5519 5519 5519 5519 5519 5519 5519 551	0005568 0005115 0005115 0005115 00160M 1000 1000 1000 1000 1000 1000 10	1722 1776 ATION JAMER 4 P T UNITED NO. 100 1474 B E E E E E E E E E E E E E E E E E E	O P P P P P P P P P	4931 4938 4949 14 ORFE 10 ORFE	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
PY ID.	MESSENG TIME HR 1/10	3248 3248	STO STO OBS OBS OBS INDE CARDO N CARDO STI OBS	1300 1400 1400 1500 11650 107134 W	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.498 0.474 0.450	3 3 3 3 3 3 5 McC	55002 55	27 27 27 27 27 27 27 27 27 27 27 27 27 2	73 75 80 1969 80 80 80 80 80 80 80 80 80 80 80 80 80	0005568 00053140 0005115 001511051 No. No. No. No. No. No. No. No. No. No.	172:1776 1776 1776 1776 1776 1776 1776 1776	OEPT OEPT	4931 4938 4949 1 DEFENDENCE STATE	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
PY ID.	SHIP COOL A Z	3248	STO STO OBS	1300 14-00 15-00 11-05 11-05 11-05 10-07 13-13-4 W	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.498 0.474 0.450 0.412 0.450 0.412 0.450 0.412 0.450 0.412 0.450 0.412	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5500 2 51 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 27 27 27 27 27 27 27 27 27 27 27 27 2	73 75 80 VEAR 1065 0 MAIN (m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/	0005568 0005315 0005115 0005115 0005115 0005115 0005115 0007 1 0007 1	172:1776 1776 1776 1776 1776 1776 1776 1776	DEPT TO DEPT	4931 4938 4949 11 12 5306 5306 5306 5306 5306 5307 5308 5317 5312 5312 5312 5312 5312 5312 5312 5312	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
PY ID.	MISSING TIME HT 1/10	3248	STO STO STO STO STO STO STO STO STO STO	1300 1400 1400 1500 11650 11650 117134 W	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.498 0.474 0.450 0.412 0.450 0.412 0.450 0.412 0.450 0.412 0.450 0.412	3 3 3 3 3 3 5 S S S S S S S S S S S S S	15 JU (1500 2 STATION GMTH GMTH GMTH GMTH GMTH GMTH GMTH GMTH	27 27 27 27 27 27 27 27 27 27 27 27 27 2	73 75 80 1965 1965 1965 1965 1965 1965 1965 1965	0005568 00053140 0005115 0005115 0015116 001516 001516 001516 001516 001516 001516 001516 001516 001516 001516 001516 001516 001516 00	172:1776 1708:5 ATOM MERE 4 4 7 T 4 8 8 10 11 14 7 4 8 8 10 11 14 7 4 8 8 10 14 14 14 14 14 14 14 14 14 14 14 14 14		4931 4938 4949 1 1 1 5306 5306 5306 5306 5306 5306 5306 5306	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
PY ID.	SHIP COOL A Z	(A) 17 (A) 3 (A) 4 (B) 1	STO STO OBS	1300 1440 1500 11650 11650 11650 107134 W	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.498 0.474 0.450 0.412 0.450 0.412 0.450 0.412 0.450 0.412 0.450 0.412	3 3 3 3 3 3 3 4 McC	5500 2 51 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 27 27 27 27 27 27 27 27 27 27 27 27 2	73 75 80 VEAR 1065 0 MAIN (m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/m/	0005568 000513 0	172:2 177:6 100's 170's	OEPP OEPP OEPP OEPP OEPP OEPP OEPP OEPP OEP OEPP O	4931 4938 4949 1 Market	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
M ID.	SHIP COOK AZ AZ AZ AZ AZ AZ AZ A	(A) 17 (CA) 17	STO STO STO STO STO STO STO STO STO STO	1300 1440 1500 11650 11650 11650 107134 W	100000000000000000000000000000000000000	0.498 ABSDHAME OF THE PROPERTY	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	15 JU 15 JU	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	73 75 80 VEAR VEAR VEAR 10065 11 27 519 520 520 520 520 520 5519 5520 5520 5532 5574 6644	0005568 00053140 0005115 0005115 0015116 001516 001516 001516 001516 001516 001516 001516 001516 001516 001516 001516 001516 001516 00	172:2 177:6 100's 170's	1 1 1 1 1 1 1 1 1 1	4931 4934 4949 4949 11 12 5306 5306 5306 5306 5307 5307 5307 5319 5311 5312 5317	CH DBS	PO4=P	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
M ID.	SHIP COOE A Z A Z A Z A Z A Z A Z A Z A Z A Z A Z A Z A Z	(A) 17 (CA) 17	STO STO STO STO STO STO STO STO STO STO	1300 1400 1400 1500 11650 11650 107134 W	1000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0496 04150 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	15 JU 15 JU	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	73 75 80 VEAR VEAR VEAR VEAR VEAR O Matter (mb) 1 27 5519 5519 5520 5519 5520 5518 5520 5518 5520 5530 5532	0005568 0005315 0005115 0005115 0005115 0005115 0005115 0007 1 0007 1	172:1776 1776 1776 1776 1776 1776 1777 1777	1 1 1 1 1 1 1 1 1 1	4931 4938 4949 1 Market	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
IV. ID.	SHIP COOK AZ AZ AZ AZ AZ AZ AZ A	3248	STO STO STO STO STO STO STO STO STO STO	1300 1400 1400 1500 7165 1000 1017 134 W	1000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.498 0.450 0.415	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	15 JU 15 JU	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	73 75 80 1965 1965 10 10 10 10 10 10 10 10 10 10 10 10 10	0005568 0005315 0005115 0005115 0005115 0005115 0005115 0007 0007	172: 1776 1776 1776 1776 1776 1776 1777 1777	1	4931 4934 4934 4949 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
M ID.	SHIP COOK	3248	STIC OBS STI	1300 1400 1400 1500 71650 1000 101134 W	100 m 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0498 ABSDNA (450 O412 O415 O415 O415 O415 O415 O415 O415 O415	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	15 JU 15 JU	2.7 2.7 2.7 190	73 75 80 1965 20 20 20 20 20 20 20 20 20 20 20 20 20	0005568 00053140 0005115 0005115 0016GNA 0005115 0016GNA 0016G	172:1776 172:1776 172:1776 173:170 174:180 000 000 0000 0000 0000 0000 0000 00	1 OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPTT OEPPT OEPTT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPPT OEPT	4931 4934 49349 1	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
ID.	SHIP COOK	3248 3248	STO STO STO STO STO STO STO STO STO STO	1300 1400 1400 1500 71650 1000 1007 13134 W	1008 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0498 04150	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	15 JU 15 JU	2.7 7.2 7.7 1.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	73 80 1065	0005568 0005115 0005115 0005115 0005115 0005115 0005115 0007 1 001	172:1776 172:1776 172:1776 173:170 174:180 174	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4931 4934 49349 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
ID.	SHIP COOR	3248 3248	STO STO STO STO STO STO STO STO STO STO	1300 1440 1500 11650 11650 11650 107134 W	100 m 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.496 0.4150 0.416 0.4150 0.416 0.4150 0.416 0.4	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	15 JU 15 JU	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	73 75 80 1065	0005568 0005315 0005115 0005115 0005115 0005115 0005115 180 11 001 15 001 15 001 16 001 17 001 18 0027836 0027836 0027836 0027836 0027836 0027836 0027836 0027836 0027346	172:1776 1776 1776 1776 1776 1776 1777 1777	1	4931 4938 4938 1 1 1 50000 5300 5300 5300 5300 5300 5300 530	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
ID.	SHIP COOK A Z WISHING No.	3248 cast cast cast cast cast cast cast cast	STO STO STO STO STO STO STO STO STO STO	1300 1400 1400 1500 11650 	100 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0496 04150 0	3 3 3 3 3 5 S S S S S S S S S S S S S S	15 JU 15 JU	2.7 7.2 7.7 2.7 7.1 1.9 0.1 1.	73 80 TEAR 1965 MATERIAN STATE OF THE PROPERTY OF THE PROP	0005568 0005115 0005115 0005115 0005115 0005115 0005115 0007 1 001	172:1776 1776 1776 1776 1776 1776 1777 1777	1	4931 4934 49349 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
ID.	SHIP COOR	3248 cast cast cast cast cast cast cast cast	STO STO STO STO STO STO STO STO STO STO	1300 1400 1400 116	1000 1	0.496 0.4150 0.4	3 3 3 3 S S S S S S S S S S S S S S S S	15 JU 15 JU	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	73 75 80 1969 1 1969 1 27 519 519 520 520 520 520 520 520 520 520 520 520	00055688 0005315 0005115 0005115 0005115 0005115 0005115 0005115 0007899 0027836 0027836 0027836 0027836 0027836 0027836 0027886 0027886 0027886 0027886 0027886 0027886 0027886 0027886	172: 1776 1776 1776 1776 1776 1776 1776 1776	Company Comp	4931 4938 4938 1 South of the control of the c	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
ID.	SHIP COOK A Z WISHING No.	3248 CAST CAST NO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	STIC OBS STI	1300 1400 1400 1500 171650 171650 17184 W	1000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0498 ABSDIM (1450 O415) O416 O415 O416 O415 O416 O416 O416 O416 O416 O416 O416 O416	3 3 3 3 3 5 S S S S S S S S S S S S S S	15 JU 15 OO 2 STATION (CMAIL) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	73 75 80 10065 100	0005568 0005116 0005116 0005117 000517 0005117 0005117 0005117 0005117 0005117 0005117 0005117 0005117	172:1776 1776 1776 1776 1776 1776 1776 1776	Capta Capt	4931 4939 4949 4949 4949 4949 4949 4949	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
ID.	SHIP COOK A Z WISHING No.	3248	STIC OBS STI	1300 1400 1400 1500 7165 1000 101134 W	100m 1	0496 04150 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	15 JU 15 JU	2 7 2 7 2 7 7 2 7 7 7 7 7 7 7 7 7 7 7 7	73 75 80 VIAN 10065 1006	00055688 0005315 0005115 0005115 0005115 0016014 00170616 00170616 00170616 00170616 00170616 00170616 00170616 00170616 00170616 00170616 00170616	172:1776 172:1776 172:1776 173:170 174:180 174	O 1 O O O O O O O O	4931 4938 4939 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
	AZ	3248	STO STO STO STO STO STO STO STO STO STO	1300 1440 1500 11650 11650 11650 107134 W	1008 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.496 0.4150 0.416	3 3 3 3 3 MCC	15 JU 15 JU	2.7 2.77 2.77 2.77 2.77 2.77 2.77 2.77	73 75 80 10965 109	0005568 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0005115 0007890 0027890 0027890 0027890 0027890 0027890 0027890 0027890 0027890 0027890 0027890 0027890 0016016016016016016016016016016016016016	172:1776 1776 1776 1776 1776 1776 1776 1776	1 1 1 1 1 1 1 1 1 1	4931 4938 4938 1 1 SOUND SEED OF THE PROPERTY OF THE PROP	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
ID.	AZ	3248	CAMON N CAMO	1300 1400 1400 1600 1106 1716 	1000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0496 04150 0	3 3 3 3 3 MACE AND A STEEL TO A S	15 JU 15 JU	2 7 2 7 2 7 2 7 2 7 7 2 7 7 7 7 7 7 7 7	73 75 80 TEAR 1065	00055688 0005315 0005115 0005115 0005115 0016014 00170616 00170616 00170616 00170616 00170616 00170616 00170616 00170616 00170616 00170616 00170616	172:1776 172:1776 172:1776 173:1706 174:180 17	1 0 1 1 1 1 1 1 1 1	4931 4938 4939 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004
ID.	AZ	3248	STO STO STO STO STO STO STO STO STO STO	1300 1440 1500 11650 11650 11650 107134 W	100m 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0496 04150 0	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	15 JU 1500 2	2 7 7 2 7 2 7	73 75 80 10965 109	00055688 00053105 0005115 0005115 0005115 0005115 0005115 0007789 002789	172: 1776 100's 1770's	1 0 1 1 1 1 1 1 1 1	4931 4931 4934 4934 1 South of the control of	CH OBS	HG NF 31	TOTAL-	P COD	6 NO3=9	110	STATION NUMBER 0004

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE			Lei	MARSDEN	STATION TO	ME	DRIGINATO	OR'S	DEFTH	MAX,		WAVE	WEA-	CLOUD	Ţ		#DDC
CTRY ID. CODE	LATITUDE 1/1		17/10 E	SQUARE	IGMTI MD DAY H	YEAR	CRUISE STAT		10 MOTTOM	DEPTH DF S'MPL'S	Daze	PVATIONS	THER	CODES		\$	NODC NOITATE MUMERE
311566 AZ	3311 N	072	205 W	116 32	11 16 2	20 196			5304			3 3	×1	8 5			0005
				COLOR		SPEED ME		VIL	NO. 085	SPEC	IAL						
				CODE	OM P	FOICE IM		-+	J	0 8 8 1 - 1							
MESSENGE	T T.				33	512 2	T -	47 8 3 A D	14				70181-2				
HR 1/10	약 ND.	TYPE	DEPTH (m)	1.5	s *4.	SIGMA-T	SPECIFIC VOLUME ANOMALT-1107	₹ △ D DYN. M x 103	∧€FD 20F	City	D2 ml/l	PD 4-P 10 - 01/1	FQ 01/1	NO3-N	NO3-N HB - EI/I	\$1 Da=\$- vg - 61/1	
	1					1	1										
220		STD BS	0000	2287 2287	3634 36341	2501 2501	0029600	0000		312 312							
		STD	0010	2284	3635	2502	0029492	0030	15	313							
220		BS STD	0010 0020	228 4 2280	36350 3635	2502 2504	0029404	0059		313 314							
2.2.6		5 T D	0030	2277	3636	2505	0029320	0088		314							
220		85 5 T D	0032 0050	2276 2280	36358 3635	2505 2503	0029569	0147	15	315 318							
220		85 5 7 0	0050 0075	2280 2279	36346 3641	2503 2508	0029178	0221		318 323							
220) D	85	0075	2279	36410	2508			153	323							
220		5 T D 8 S	0100	2276 2276	3643 36431	2511 2511	0029042	0293	153								
200		STD	0125	2169	3658	2552	0025169	0361	153	305							
220		STD BS	0150	2077	3666 36661	2584	0022257	0421	152	286							
220) 0	85	T0198	1944	36617	2616	0010000	05.2		257							
220		510 85	0200 0248	1940 1865	36564	2617 2632	0019320	0524	152 152								
		STD	0250	1863	3656	2633	0017960	0618	152								
220		85 510	0300	1818	36531 3653	2642 2642	0017261	0706	152	238							
220		STD 85	0400	1783 1739	3650 36428	2648 2653	0016980	0877	152								
220		SID	0500	1716	3637	2654	0016665	1045	152								
		510 510	0600 0700	1614 1466	3617 3594	2663 2679	0016072	1209 1363	152 153								
220	0	85	10702	1463	35931	2679			15	189							
		STD STD	0900	1203 0978	3556 3526	2704 2721	0012358	1498	150								
220	0	85	10967	0849	35104	2730			150	800							
		51D 51D	1000	0825 0751	3510 3509	2733 2744	0009334	1713	150	-							
		STD	1200	0677	3508	2753	0007496	1881	149	980							
		510 510	1300	0603 0529	3506 3505	2762 2770	0006615	1952 2013	149								
220		85	11497	0457	35037	2778			149								
REFERENCE		T	. 2	MARSDEN	STATION TI	ME	DRIGINATO	OR*S	DEPTH	MAL		WAVE	WEA-	CLOUD			HODE
REFERENCE SHIP	LATITUDE 1/1	1	1/10 E	SDUARE	STATION TI		CRUISE STA	OR'S TION ABER	DEPTH TO BOTTOM	MAI. DEPTH DF S'MPL"S	DBS	WAVE ERVATIONS	WEA- THER CODE	CLOUD CODES	1		NODE STATION NUMBER
CTAY ID: CODS		•	1/10	10° 1° 116 32	MO DAY H	1,1/10 109 196	CRUISE STA	TION ABER	TO.	DEFTH	DBS	NGT PER SE		CODES	1		STATION
CTAY ID. CODE	1/1	•	1/10	10° 1' 116 32	MO DAY H	09 196	CRUISE STA NUP 9 A 6 1106 ED- AIR TEMP	TION ASER	4938	DEPTH DF S'MFL"	34	NGT PER SE	CODE	TIN AM	1		STATION
CTAY ID. CODE	1/1	•	1/10	10° 1° 116 32	MO DAY H	8,1/10 009 196 //ND 84 SMID MI	CRUISE STANU 9 A 6 1106 RO- RO- RO- RO- RO- RO- RO- RO- RO- RO-	TON ABER TO VIS. VET COD	4938 NO. 085 DEFTHS	DEPTH DF S'MFL"	34	NGT PER SE	CODE	TIN AM	1		STATION
Ctar ID. CODE	33340N	072	1/10 E 2365W	10° 1' 11 116 32 WAT CODE	MO DAY H 11 17 C ER W TRANS DIR. 34	8,1/10 009 196 (IND 84 SMID MI OB (IN 516 3	CRUISE STA NU 9 A6 1106 RO- AIR TEMP 17ER DRY 19 1041 BULR R	TION ARER VIS. NET COD ULB 7	4938 NO. 085 DEFTHS	DEPTH DF S'MPL"S SPEC DBSERV	DIS. DIE. 34 CIAL ARONS	ERVATIONS	X I	6 3	1	- ·	OOO6
CTAY ID. CODE	33340N	•	1/10	10° 1' 116 32	MO DAY H	8,1/10 009 196 //ND 84 SMID MI	CRUISE STANU 9 A 6 1106 RO- RO- RO- RO- RO- RO- RO- RO- RO- RO-	TON ABER TO VIS. VET COD	4938 NO. 085 DEFTHS	DEPTH DF S'MFL"	34	NGT PER SE	CODE	TIN AM	1		OOO6
CTET ID. CODE 3311566 AZ	33340N	O 7 2	1/10 E	10° 1' 1 1 1 6 32 WAT CODE	MO DAY H 11 17 C 1ER W 1EANS DIR. 34 5 1/4.	8,1/10 009 196 (IND 84 SMID MI OB (IN 516 3	CRUISE STA NUM 9 A 6 1106 60- AIR TEMP 1ER DAY NUM 12 161 1	TION ARER VIS. NET COD ULB 7	4938 NO. 085 DEFTHS	DEPTH DF S'MPL"S SPEL DBSERV	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
10 500 10 500	33340N	O 7 2	0000	10° 1' 1 1 1 6 32 WAT CODE	MO DAY H 11 17 C FER W TEANS DIR. 34 5 1/4.	8,1/10 009 196 (IND 84 SMID MI OB (IN 516 3	CRUISE STA NUM 9 A 6 1106 60- AIR TEMP 1ER DAY NUM 12 161 1	TION ARER VIS. NET COD ULB 7	4938 NO. 085 DEFTHS	DEPTH DF S'MPL"S SPEL DBSERV	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Still Solid Soli	33340N	O 72	0000 0010	SDUARE 10° 1' 116 32 WAI CODE	MO DAY H 11 17 C FER W TEANS DIE. 34 5 1/4. 3638	8.1/10 009 196 VIND 84 STIG MA 516 3 SIGMA-T	CRUISE STA NUM 9 A 6 1106 60- AIR TEMP 1ER DAY NUM 12 161 1	TION ARER VIS. NET COD ULB 7	15	DEPTH DF S'MPL" SPEIDBSERV	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
10 500 10 500	CAST C NO.	O 7 2	0000	SDUARE 10° 11° 110 32 WAI COLOR CODE 11° TC 2281 2279	MO DAY H 11 17 C 168 w 1EANS DEL 34 5 %. 3638 36376 3638 36376 3638	8,1/10 009 196 1MD 196	CRUSE STA NO NO NO NO NO NO NO NO NO NO NO NO NO	TION ARER VIS. NET COD ULB 7	15 15 15	DEPTH OF STAFFLY	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip 10, Strip	1/1 33340N	0772 0772 5TD 85 STO 85 STO STO	DEPTH (m) 0000 0010 0010 0020 0030	SDUARE 10" 1" 1 10 32	MO DAY H 11 17 CF 18 W 18 M 18 M 18 M 18 M 18 M 18 M 18 M	8,1/10 009 196 009 196 1910 M	STA NO STA NO STA NO STA NO STA NO STA	TION ARER VIS. NET COD ULB 7	15 15 15 15	SPEEDBSERV UND DOCITY 312 312 313 315	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Still Solid Soli	1/1 33340N	0 7 2 0 7 2	0000 0000 0010 0020 0030 0032 0050	SDUARE 10° 11° 32 WA1 COLOR COOR COOR 2281 2281 2277 2276 2276	MO DAY H 11 17 C FER W 18AN S OIL 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R 36 3 R	8.1/10 0.09 1.96 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	CRUSE STA NO NO NO NO NO NO NO NO NO NO NO NO NO	TION ARER VIS. NET COD ULB 7	14 15 15 15 15 15 15 15	SPE DBSERV 312 312 313 315 315 318	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip 10, Strip	33340N	072 072 5TD 85 5TD 85 5TO 85 5TO 85 5TO 85	0000 0000 0010 0010 0010 0010 0020 0032 0050 0051	SDUARE 10° 1 1 1 1 6 32 WA1 COLOR CO	MO DAY H 11 17 C FEB W TEAMS DIL 34 S '/. 363R 363R 363R 363R 3638 3638 3638 3638	\$100 196	GUUSS SIA NO NO NO NO NO NO NO NO NO NO NO NO NO	TION ARER VIS. NET COD ULB 7	15 15 15 15 15 15	SPE DBSERV UND DCITY 312 312 313 315 315	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Still Solid Soli	33340N	0 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	01P1H (=1) 0000 0000 0010 0010 0010 0020 0030 003	116 32 160 170	MO DAY H 11 17 C 18 W 1 MAN DIL 36 3 R	\$100 196	Caust State Stat	TION ARER VIS. NET COD ULB 7	15 15 15 15 15 15 15 15 15 15 15 15 15 1	312 312 313 315 318 318 324	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	33340N	0 0 7 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0000 0000 0010 0010 0010 0010 0030 0030	116 32 WAI Coton Cot	MO DAY H 11 17 C FEB W TEAMS DIL 34 S '/. 363R 363R 363R 363R 3638 3638 3638 3638	2505 2505 2507 2506 2506	GUUSS SIA NO NO NO NO NO NO NO NO NO NO NO NO NO	TION ARER VIS. NET COD ULB 7	# 15 15 15 15 15 15 15 15 15 15 15 15 15	SPE DBSERV 312 313 315 315 318 318	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	33340N	0 073	0000 0000 0010 0010 0010 0010 0010 001	116 32 WA Coton coot	36 3 6 3 6 3 6 3 6 3 8 6 3 8	2505 2506 2506 2506 2506 2506 2506 2506	GUUSS SIAN NO NO NO NO NO NO NO NO NO NO NO NO NO	TION ARER VIS. NET COD ULB 7	4938 4938 NO. 085 087 14 500 VELT 15 15 15 15 15 15 15 15 15 15 15 15 15	312 312 313 315 315 318 318 324	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CAST CAST C	0 072	0000 0000 0010 0010 0010 0010 0032 0050 0032 0050 0077 0075 0077 0100 0102 0125 0153	116 32 WA Coton Cot	36 3 e 36 3 6 3 6 3 8 9 3 6 3 6 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8	2505 2506 2506 2506 2506 2507 2506 2506 2506 2507 2507 2507 2507 2507 2507 2507 2507	Causto State	TION ARER VIS. NET COD ULB 7	4938 NO. OBS. DEFINS 14938 SOUTOMAN SOUTOMAN 1515 1515 1515 1515 1515 1515 1515 15	312 312 313 315 315 318 324 330 331 327 307	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CAST C NO. 0	0 0772	0000 0000 0000 0010 0010 0010 0032 0050 0051 0077 0100 0125 0150 0153 0200	116 32 WAI COLOR COLOR 1 T T 2281 2279 2276 2276 2276 2276 2291 2237 2158 2147 1931 1	MO DAY IN 11 17 C 17 T 17 C 18 T 18 T 18 T 18 T 18 T 18 T 18 T 18	2505 2505 2507 2506 2507 2506 2507 2507 2507 2507 2507 2507 2507 2507	GUUSS SIAN NO NO NO NO NO NO NO NO NO NO NO NO NO	TION ARER VIS. NET COD ULB 7	4938 NO. OBS N	312 312 313 313 315 315 315 318 324 330 331 322 307 254	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
The cost The cost	CAST C NO. 1	0 072	0000 0000 0000 0010 0010 0010 0010 001	116 32 WA Coton Coort Coo	MO DAY IN 11 17 C 11 17 C 11 17 C 11 18 W 11 1	2505 2505 2506 2507 2507 2507 2507 2507 2507 2507 2507	Causto State	TION ARER VIS. NET COD ULB 7	4938 NO. OBSTORM 14938 NO. OBSTORM 1515 1515 1515 1515 1515 1515 1515 15	312 312 312 313 315 315 315 324 330 330 330 324	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CAST CAST CO CO CO CO CO CO CO CO CO CO CO CO CO	5TD 85 ST	0000 0000 0000 0010 0010 0010 0010 001	Source S	MO DAY 11 17 C 18 MO MO MO MO MO MO MO M	2505 2505 2506 2507 2507 2507 2507 2507 2507 2507 2507	STATE STATE	TION ARER VIS. NET COD ULB 7	4938 NO. 0171MS 1515 1515 1515 1515 1515 1515 1515 1	SPEED STREET STR	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
The cost The cost	CAST C CAST C C C C C C C C C C C C C C C C C C C	0 07:	0000 0000 0000 0010 0010 0010 0010 0030 0030 0050 005	Souwit 106 32 WA Cotos Co	36 3 R 36 8 R 36	2505 2505 2505 2507 2507 2507 2507 2507	STATE STATE	TION ARER VIS. NET COD ULB 7	4938 NOS. 10171MS 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	312 312 312 313 315 318 318 318 318 322 330 331 322 242 242 242 242 242 243 7	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	333340N	0 077	0000 0000 0000 0000 0000 0000 0000 0000 0000	Souwit 106 32 WA Cotos Co	MO DAY IN 11 17 C 17 17 C 18 18 18 18 18 18 18 18 18 18 18 18 18	2505 2505 2505 2505 2507 2507 2507 2507	STATE STATE	TION ARER VIS. NET COD ULB 7	4938 NO. 085 0085 14938 1515 1515 155 155 155 155 155 155 155	312 312 312 313 313 315 315 315 324 330 331 331 322 254 252 242 242 242	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CAST CAST CAST CAST CAST CAST CAST CAST	0 077	0000 0000 0000 0010 0010 0010 0010 001	116 32 WA	36 36 36 36 36 36 36 36 38 36 376 36 38 36	2505 2505 2505 2505 2505 2507 2507 2507	STATE STATE	TION ARER VIS. NET COD ULB 7	4938 4938 NO. OS. OS. OS. OS. OS. OS. OS. OS. OS. O	312 312 312 312 313 315 315 315 318 324 330 331 324 252 240 227 249 249 246	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CAST C NO. 1	0 077	0000 0000 0000 0010 0010 0010 0010 0032 0050 0051 0075 0077 0100 0102 0125 0150 0150 0150 0150 0150	10 10 32 10 10 10 10 10 10 10 1	36 3 6 36 36 36 36 36 36 36 36 36 36 36	2505 2505 2505 2505 2507 2507 2507 2507	STATE STATE	TION ARER VIS. NET COD ULB 7	4938 NO. OBS 10 OBS 15 15 15 15 15 15 15 15 15 15 15 15 15	312 312 312 313 313 315 315 318 324 330 331 322 242 242 242 242 242 244	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CAST C NO. 1 CAST NO.	0 077	0000 0000 0000 0010 0010 0010 0010 001	116 32 WA	MO DAY IN 11 17 C 17 C 18 M 18 M 18 M 18 M 18 M 18 M 18 M 18	2505 2505 2505 2505 2506 2507 2507 2507 2507 2507 2507 2507 2507	STATE STATE	TION ARER VIS. NET COD ULB 7	4938 NO. OBS OBS OBS OBS OBS OBS OBS OBS OBS OBS	312 312 312 312 313 315 318 318 318 324 3307 307 304 252 2242 2242 2247 2249 2248 1167	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CAST C NO. 1 CAST NO.	0 077	0000 0000 0000 0010 0010 0010 0010 001	116 32 WA	36 38 36 376 36 38 36 376 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 38 36 36 36 36 36 36 36 36 36 36 36 36 36	2505 2505 2505 2505 2507 2507 2507 2507	STATE STATE	TON AASS TO UUS TO	4938 4938 NO. 1081 1081 1081 1081 1081 1081 1081 1081	312 312 312 313 315 315 318 318 322 307 4254 2242 2240 2242 2247 237 2248 2246 2246 2246	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CAST C NO. 10 10 10 10 10 10 10 10 10 10 10 10 10	0 07:	0000 0000 0000 0010 0010 0010 0010 001	116 32 WA	36 3 8 36 38	2505 2505 2505 2505 2505 2507 2507 2507	STATE STATE	TON AASS TO UUS TO	4938 4938	312 312 312 313 313 315 318 324 330 3312 2312 313 315 324 330 224 224 224 224 224 224 224 224 224 22	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CANT CANT NO. CONTROL OF THE CANT OF THE C	0 07:0	0000 0000 0000 0000 0000 0000 0000 0000 0000	116 32 WA	MO DAY IN 11 17 C 11 17 C 11 17 C 11 18 W 14 18 18 18 18 18 18 18 18 18 18 18 18 18	2505 2505 2505 2505 2505 2507 2507 2507	STATE STATE	TON AAST COOK COOK COOK COOK COOK COOK COOK COO	4938 NO. 1011118 SOUTH NO. 1011118 SOUTH NO. 1011118 SOUTH NO. 1011118 SOUTH NO. 1011118 SOUTH NO. 101118 SO	312 312 313 313 315 315 318 324 330 322 249 2249 2249 2248 2249 2249 2249 224	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CANT CANT NO. CONTROL OF THE CANT OF THE C	0 07:	0000 0000 0000 0010 0010 0010 0010 0032 0050 0051 0077 0100 0125 0150 0153 0200 0257 0311 0400 0518 0600 0700 0710 0700 0700 0700 0700 0700	116 32 WA	36 3 R 36 R 36	2505 2505 2505 2505 2505 2507 2507 2507	STATE STATE	TON AAST COOK COOK COOK COOK COOK COOK COOK COO	4938 4938 5000 5010 5010 5010 5010 5010 5010 501	312 312 313 315 318 318 3318 3318 3318 3318 331	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CANT CANT NO. CONTROL OF THE CANT OF THE C	0 07:	0000 0000 0000 0010 0010 0010 0010 001	116 32 WA	MO DAY IN 11 17 C 11 17 C 11 17 C 11 18 W 14 18 18 18 18 18 18 18 18 18 18 18 18 18	2505 2505 2505 2505 2506 2507 2507 2507 2507 2507 2507 2507 2507	STATE STATE	TON AAST COOK COOK COOK COOK COOK COOK COOK COO	4938 4938 500 500 500 500 500 500 500 500 500 50	312 312 312 313 313 315 318 324 3301 3315 328 3302 254 2242 2240 2240 2240 2240 2240 224	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6
Strip Stri	CAST C CAST C C C C C C C C C C C C C C C C C C C	0 07:	0000 0000 0010 0010 0010 0010 0010 001	116 32 WA	MO DAY IN 11 17 C 17 C 18 C 18 C 18 C 18 C 18 C 1	2505 2505 2505 2505 2505 2507 2507 2507	STATE STATE	TON AAST COOK COOK COOK COOK COOK COOK COOK COO	4938 8 NO. 1017145 150 151 151 151 151 151 151 151 151 15	312 312 313 313 315 315 315 315 316 317 322 317 224 224 224 224 224 224 224 224 224 22	DIS. DIE. 34 CIAL ARONS	2 3	X 1	6 3	NO3-N	51 D4-5	OOO6

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

FERENCE	SHIP	LATITU	26 .	ONGITUDE EX	MARSDEN	ST.A	TION T	IME	TEAR	-	-	ATOR'S		DEPTH	MAX.	025	WAVE ERVATIO	NS	WEA-	CODES			NODC TATION
10. 18 NO.	CODE		1/10	1/10	10' 1	- MO I	DAY IH	B 1/10		CRUISE NO.		AOIFAT		BOTTOM	S'MPL'S		HGT PER		COOL	[18] A4			UMBER
+	-					1 1	$\overline{}$								_	_	$\overline{}$,,,,,			1		
11566	AZ I	3349	N I O	7305 wl	116 3			341	1969	A6	11			5029	. ــــــــــــــــــــــــــــــــــــ	36	2 3	1	X1	8 3		- 1	000
					_	WATER		SPEE	BARG)• 	_	_	VIS	NO. 085.	SPEC	IAL							
					COL	OR TEAN	DIR.	01010	1		DRY	WET	COD	DEPTHS	OBSERV.	ATIONS							
							36	514		1 1	56	131	17	14		\neg							
r		_					30	310	1 23	1 1	20	_		4			т—	_			,		_
ľ	MESSENGE TIME (CAST	CARD	DEPTH Ini	1 %	- ,	14.	SIG	MA-T	SPECIFIC	VOLU		E A D		DOLLET	0 2 ml/1	PO4-		101-1-1	NO3-N	NO3-N	\$104-51	pN
l	HR 1/10	1	1176									`_	2 10 ³	V. C.	JCIII		µ9 · 01	"	μφ · e+/1	µg = 01/5	yg - at/l	µg - 01/1	<u> </u>
[1																	
'		,	STD	0000	226	3 36	39	2.5	10	002	875	5 (0000	15	308								
	041		085	0000	226	3 3 6	386	25	10					15	308								
			STO	0010	226	7 36	39	25	10	002	876	7 (0029	15	309								
	041		085	0010	226		386		10						309								
			STD	0020	226		39		11		872		058		310								
			510		226		39		12	002	867	6 (0086		311								
	041		085	0032	226		389		12						311								
			STD	0050	226		38		11	005	883	6 (144		314								
	041		085	0050	226		383		11						314								
			STD		226		39		10	002	904	2 (216		320								
	041		085	0076	226		397		10						320								
			510		224		61		33	002	696	5 (286		322								
	041		085	0100	224		613		33						322								
			STD		214		63		62		425		350		300								
			STD		205		04		88	002	184	6 (0408		280								
	041		OBS	0151	205		640		89						279								
			STD		190		60		26	001	842	5 (900		246								
	041		085	10203	189		595		27						244								
			510		183		56		40	001	723	2 ()598		234								
	041		085	0252	183		559		41						234								
			STD		180		53		46	001	685	2 (0683		233								
	041		085	0303	179		525		46						233								
			STD		178		52		50		683		851		244								
			STD		172		43		58	001	635	0	1017		241								
	041		085	0505	171		424		58	001	E 0.0		178		241								
			STD		161		18		65		590		1331		221 187								
	0 / 1		STD	0700 10743	146		93		79 87	001	469	,	3 1		169								
	041		085		122		62		104	001	237	4	1467		123								
			STD		098		34		27		003		1579		049								
			STD		077		12		42		843		1671		987								
	041		085	T1013	075		094		143	000		- '			980								
	041		STD		070		08		50	000	770	8	1752		974								
			STD		064		06		157		705		1626		966								
			510		058		04		63		642		89		959								
			STD		052		03		69		579		1954		951								
							01		75		517		2009		942								
			STD	1500	045																		

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

FERENCE	SHIP	44.57		4.000	CHUCK	: 5		SOEN		ION I	IME	WE 4 C			NATO	_		DEPTH	DEPTH	-	w	AVE	WEA	CFO				400C
ID.	1000	LATITU	1/10	LON	GITU O E	100	10*	IARE 11*	MOT	(GMT)		YEAR	CRI	315 E	STATI	ON		10 10110M		1		VATIONS	THER		- 1			LATION
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11566	AZ	3408	N I	0.73	335 W	ļ	110	43				1969	1		0.0			4298	,	06	,14	3	X I	8	2		- 1	000
								COLOR		+	VIN O	- BAR		AIR 7	W	-	VIS.	NO. 085.		CIAL								
								COOL	IP)	DIR	1040	-		BULE	1 80		CODE	DEPTHS	OBSERV	A BONS								
										03	514	33	0	157	11	21	7	14			1							
	MISSING			. 1		_	Τ.		+-	100	10.0	1,,,	1		_	¥ (_	<u>' </u>			╁┰		_					
	TIME	NO.	CAL		DEPTH	m)	1	₹	s	٠/	SIG	T-AN	SPE	CIFIC VOL	UMI	DYN	103		DCITT	02 m1/	7	PO4=P v4 = 01/1	FOTAL - P			NO3-N	SI O a = Si ya + et/I	93
	HR 1/1	-	-	-			+		+-		+-		-			- 1	10-	+	-		-+	-	-		-	vg - a1/1	,	_
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	0.7	2		1 D	0000			240	36		25		0	0279	- 1	00	00		301									
	07	2	089		0000			240 239	36	396	25 25		0.	02790		00	20		301 302									
	0.7	2	08:		301				-				01	02141) 4	00	20											
	0.7	۷.	51		0020			239	36	402	25 25		0.	0278	. 7	00	5.4		303 303									
				TD.	0030			233	36		25			02780		00			304									
	0.7	2	08		0040			232		402	25		0	02100	, ,	00	J.		305									
	0 /	۷.	5		0050			234	36		25		0.0	0279	5	01	30		307									
	0.7	2	089		006			236		397	25		٠.	04,30	. ,	0.	,,		310									
		_	5		0079			237	36		25		01	02794	6	02	09		312									
	07	2	085		009			237		443	25								316									
			5		0100			237	36		25		0.0	0276	8	02	79		317									
	0.7	2	089	5	0124		2	236			-																	
			51	0.1	0125	5	2	234	36	56	25	33	0	02706	3	03	47	15	322									
			51	0.1	0150)	2	174	36	5.2	25	54	01	0251	0	04	12	15	311									
	0.7	2	085	5	0185	5	2	079	36	653	25	83						15	292									
			5	0	0200)	2	018	36	63	25	97	01	02114	•6	05	28	15	278									
	0.7	2	OB:		024			880		570	26								247									
			51		0250			877	36		26			0182		06			247									
			5		0300			826	36		26		0.0	01738	31	07	15		240									
	0.7		089		0309			818		531	26								239									
	07	2	089		7037			777		485	26								237									
			51		0400			777	36		26			01709		0.8			241									
			51		0500			737	36		26			01708		10			245									
	0.7	2	51		0600			638	36		26		0 (01626	o U	12	25		230									
	07	۷	085		0625			604 383	35	173	26 26		0/	01370	. 7	13	75		223 161									
			51		0500			127	35		27			01159		15			087									
			51		0400			914	35.		27			00991		16			023									
	07	2	089		T0951			822	35		27		- 0	00991	٠.	10	V 0		995									
	0 , ,	_	51		1000			763	35		27		0.0	00848		17	00		981									
			51		1100			655	35		27			00713		17			955									
			S1		1200			563	35		27			00606		18			935									
	07	2	089		11278			503		125	27		•						923									
		_	51		1300			499	35		27		0.0	00543	3 7	19	0.2		925									
			S1		1400			461	351		27			00536		19			934									
			51		1500			462	34		27			00536		20			943									
			51	0	1750			417	341	97	27			00511		21			966									
	07	2	089		1916			386	34		2.7		- '		-				981									

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

ID.	SNIF	LATITU	DE	LONGITE	101	ě	SOU	DEN	STAT	ION TI		YEAR	CAUISI	DRIGIN	STATIO		1	EPTH TD	DEPTH	DBS	WAV	E NDNS	WEA-	CLDUC	3	5	NODC
NO.	CODE		1/10		3/10		10"	11.	MOTO	AYH	R 1/10		NO.		NUMB	ER	10	MOTE	S'MPL'S	Dist	HGT F	11 514	CODE	1176 A.A		N	UMBER
1566	4.7	3415		07350	2 14	1,	16	43	11	7 0	94	1969	A 6	11	0.0		40	23		06	2	3	X1	8 2			0000
1566	I AZ I	3413	N I	01330) W	1 1		WAI			IND	1		AIR TE			**	NO.		_	1-1-	- 1	1 7 4	1 0 1 2	1	1	000
								COLOR	TRANS	DIR	SPEED	METE	· –	DAY	WE	- VI	. 0	385.	DESERVA								
								CDDf	100	Dist	OFCE	(mba		ULI	IUL	•	DE	PTHS									
										05	514	33	5 1	55	12	0 7	Ti	15									
	MISSENGE TIME								1							3 / 1	, T				1				T.,,		1
	TIME	CAST	CARD	' ▫	EPTH (m	0	1	₹	5	٠/	SIGA	T-A		C VOLU		SAN C	4	VELD		02 -1/1		4-P	FOTAL=P	ND7-N	NO 1-N		pH
	HR 1/10	-				+			₩		-	_			-	X 10	+				+	-		-	14	1	-
		1		- 1					١		١				_		.								1		
			ST		0000			361	36		248		003	160	3	000	0	153									
	094		085		0000			361	36		246							153									
	094	•	085		0009			358	36		248		00.	16.		002	2	153									
			STI		0010			358	36		248	-		156		003.		153									
			STI		0020			354	361		248			152		006		153									
	001		511 085		0030 0030			352 352	36		248		003	153	0	009	,	153									
	094		085		0044			352 353	36		248							153									
	044	'	ST		0050			354	36		241		003	155	3	015	В	153									
	094		085		0050			356		348	248				-	J - J	-	153									
	0 74		51		0075			351	364		249		003	095	9	043	6	153									
	094		085		0087			341		34	250		00.			0-2	•	153									
	0 / -		STI		0100			321	36		250		002	929	1	031	1	153									
			5.11		0125			283	366		25.			797		038	3	153									
	094		085		0131		2	274	366	27	25	26						153	333								
			ST		0150			105	366	2	25		002	325	5	044	7	152	293								
	094	,	085		0175		1	951	366	19	26	14						152	256								
			ST	D (0200		1	901	36	6	26	23	001	871	4	055	2	152	245								
	094		085		0220		1	866	36	30	26.	29						152	238								
			STI	D I	0250		1	823	36		26	40	00:	720	17	064	2	152									
	094	,	085		0264			806		523	26							152									
			51		0300			806	36		26			713		072		152									
			51		0400			780	36		26		00	717	6	089	9	152									
	094		085		0445			755		443	26							152									
			5 T		0500			722	36		26			695		107		152									
			ST		0000			618	36		261		00:	638	10	123	6	152									
	094	•	085		0663			524		985	26					120		152									
			5 T		0700			420	35		26			448		139		151									
			ST		0800			164	35		271			203		152		151									
			51		0900			948	35.		27.		00.	0.20	, 0	163	-	150									
	094	•	085		0920			909 811	35	191	27		001	874	. 7	172	0	150									
			ST		1000 1100			701	35		27			753		181		149									
			5 T		1200			607	351		27			655		168		149									
			ST		1300			528	35		27			576		194		149									
			ST		1400			464	35		27			521		199		149									
	094		085		1435			445		995	27		501	,	-		-	149									
	074	•	5 T		1500			437	34		27		000	500	6	204	9	149									
			5 T		1750			408	34		27)492		217		149									

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16–17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENCE					-= ~	ARSOEN	STAT	ION TI	ME.		T	ORIGINA	A TOR'S	_	DEFTI	MAL		WAVE		WEA-	CLDUC	1		NODC	
C787 (D.	COOE	LATITUDE	L			QUARE		GMTI	.	YEAR	CRUIS		TATION	\neg	to sotto	OF	1 0	BSERVA TIO	NS	THEF	CODE		1 1	TATION	
CODE NO.			/10	1/10	10	0, 1,	W0 0				NO.	_ N	UMBEI		_	SMPL	+		SEA	CODE	1121 A 4		-+-	MANNER	
1 311566	AZ	3427 F	N O	7405 W	11			_	_	1969	L A			_ !	365	8	0.6	2 3		X 1	6 5	1		0010	
						WA	, –	٧	IND	- BAR		AIR TEA		- VIII	NO.	521	ECIAL								
						COLOR	TEANS.	01%	OE FORCE	1		DRY BULL	WET	000	DEPTH	OBSER	VATION	s							
						-	+	06	510	34		158	120	7	15	+-		-							
				_			Ļ	0.6	310	34	7	, , 0	-	1	٠,	٠,		1,	-						
	MESSENGE	CAST	CARD	GEPTH (im1	r to	5	٠/	SIG	MA-1		C VOLUE	<u> </u>	A D	5	DUND	02 ml	/1 104-		01AL-F	NO2-N	NO3-N	\$10,-5		å
	HR 1/10	1 70.	1176		_ i_						*****	W X (7 - 1 1 1		z 10 ³	VE	LOCITY		ug - 41	" 1	rg - n+/1	⊌g - 61 1	μg - σ1/1	νg - α1/	1	ć
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	'		STD	0000)	2422	362	8.	24	57	00	33788	віс	000	1	5344									
	120		88	0000)	2422	362		24							5344									
			5TD	0010		2420	362		24		000	33700	0	034		5345									
	120		285	0010		2420	362		24							5345									
			STD	0020		2417	362		24			33666		067		5346									
			STD	0030		2415	363		24		00	33625	5 (101		5347 5348									
	120		085	003		2414	362 362		24		00	3378		168		5351									
	120		STD 085	005		2417	362		24		00.	5510		100		5352									
	120		510	007		2420	362		24		0.0	3397	3 0	253		5356									
	120		385	0079		2421	362		24					- , ,		5357									
			STD	0100		2302	364		25		00	29550) C	333	1	5333									
	120		085	0105	5	2275	364	89	25	15					1	5328									
			STD	0125	5	2164	365	5	25	51	00	25252	2 0	401	1	5303									
			STD	0150		2050	366		25		00;	21999	9 0	460		5278									
	120		85	015		2024	366		25							5272									
			510	0200		1917	365		26		00.	1910	9 0	563		5250									
	120		DBS	T0210		1898	365		26							5246									
			5TD	0250		1846	365		26		00,	1776	3 (655	_	5237									
	120		SES	0254		1641 1797	364		26 26		00	1711		742		5237 5231									
	120		BS	0315		1782	364		26		00.	1/11	0 0	142		5229									
	120		510	090		1720	364		26		00.	16155	5 0	909		5224									
			STD	0500		1623	363	-	26			14756		063		5210									
	120		985	0529		1015	363		-																
	120	•	STD	0600		1499	360		26	81	00	1430	6 1	209	1	5185									
			510	0700		1350	357	14	26	88	00	374	5 1	349	1	5149									
	120		085	078	2	1206	355	20	27	00					1	5112									
			510	0800	C	1157	354		27			205		478		5097									
			STD	0900		0900	352		27			09164		584		5019									
			STD	1000		0688	351		27		000	07184	4]	666		4952									
	120		DBS	1107		0563	350		27					7		4913									
			STD	1100		0553	350		27			06096		732		4913									
			SID	1200		0517	349		27			579	-	791 848		4915 4918									
			STD	1300 1400		0484	349		27)5524)532		902		4924									
			STD	1500		0430	349		27			0515		955		4930									
	120	r	DBS	T1625		0406	349		27		001	,,,,	- 1			4940									
	120		STĐ	1750		0387	349		27		000	0482	2 2	0.79		4954									
			STD	2000		0366	340		2.7			0474		199	1	4987									
	120		DBS.	T2175		0366	349	53	27	81					1	5017									
						_																			

REFERENCE	SHIP	LATITU	DE	LON	GITUDE &X	MAP			ION 1		YEAR	CRUIS	ORIGIN	A LOR		-	DEPTH	DEPTE		W A V		WEA		0015			NODC
001 NO.	CODE	•	1/10		1/10	10*	1.11	will Ti	ar I	12.1/10		NO		E M UP			01104	S'MPL	S Dre	HGf #	0.31	C 0.0		5 4 4			NUMBER
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211200	1 45 1	5455				110	WAI			WIND	_		AIR TEA			4	NO.	<u> </u>		ו' 'ו							
							CDLD	TEAMS.	DIR	00000	MET (mb	ER .	DRT BULB	w E	- co		ORS DEPTHS		CIAL VATIONS								
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	MISSINGE SIMI	S NO	C.A.		DEPTH (m)	,	t	5	٠/.,	1	MA-T		IC VOLU		₹ ∆ NTO	M		UND DC111	02 ml		4	IGTAL-I	NC vg		403-N	SI 0	
	HR 1/10	+		-		+		+-		+				\rightarrow	A	_	+			+	-				 	-	
	1	ł	5	TD !	0000	1 2	470	36	. 2	24	22	0.0	3708	8	000	0	15	353									
	146		08		0000		470	361		24		00.						353									
	2.,			TO.	0010		468	36		24		00	3705	5	003	7	15	354									
	146	5	ОВ		0011		468		22	24							15	354									
				TD	0020	2	465	36	12	24	24	00	3698	4	007	4	15	355									
				TD	0030	2	462	361	3	24	25	0.0	3692	1	011	1	15	356									
	146	5	0.6	S	0033	2	461	36	25	24	25						15	356									
			S	T D	0050	2	416	36	3 1	24	60	00	3363	2	018	2	15	351									
	146	5	08	S	0052	2	412	36	328	24	63						15	351									
			5	T D	0075	2	391	36	38	24	73	00.	3251	8	026	4	15	350									
	146	5	08	S	3079	2	376	36	04	24	79						15	347									
			5	TD	0100	2	226	361	54	25	41	00	2617	2	033	8	15	316									
	146	5	08	5	0104	2	202	366	665	25	50						15	311									
			5	TD	0125	2	136	36	55	25	67	00	2378	8	040	0	15	297									
			5	T D	0150	2	100	36	52	25	85	00	2213	8	045	8	15	281									
	146	5	08	S	0157	2	040	36	516	2.5	90						15	277									
			S	TD	0200	1	911	36	8	26	2.2	0.0	1881	6	056	0	15	248									
	146	5	0.8	S	T0210	1	988	36	569	26	27						15	243									
			5	TD	0250	1	531	36	5.2	26	38	0.0	1747	3	065	1	15	233									
	146	4	08	<	0263		822	36	502	26	3.6						15	232									

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

	HIP	LATITUO	1£	LONGI	100t	5 M	A 45 DEN		STATION T	!	reat .	CRUIS NO.	O RIGIN	ATOR) N	-	OEPTH TO BOTTOM	MAX. DEFTH OF S'MPL'S			VE ATIONS	WEA THER COD		1000 100ES		5	ADOC LATION	
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1 211 200 7						,		ATE		VIND	BARC	. [AIR TE	MP. T		VIE	NO.	SPEC	TAL]								
							COL		MANS DIR	OF	METE		DAT	W E	T c		DEFTHS	OBSERV										
							_	+	06	512	334	4	176	12	7	7	13											
	11HG 0	CAST NO.	CAR		OEPTH (m	1)	τt		s ·4.	SIGM	A -1	MCII	HALT-I	M 1	E A	D		OCITY	02 ml/		04-7	101AL-		03=N - st/1	NO ₁ =N yg - 61/1	\$1 D4-\$1 49 - 01/1	**	e c
			_			ļ	2 . 6 .		2501	1	ا ر	00	3915	, 1	00	00	16	357									I	
			51		0000		2497		3584 35839	240		00	3917	1	00	00		357										
	172		085		0000		2497		3584	240		0.0	3906	0	00	3 0		358										
			ST		0010		2493		35843	240		00	,,,,,		00	,,		358										
	172		085	-	0020		2491		3584	240		00	3903	16	00	78		359										
			51		0030		2489		3584	240			3901		01			360										
			089		0030		2486		35840	240		00	,,,,		•	•		360										
	172		51		0050		2495		3586	240		an	3914	9	01	95		365										
	172		089		0052		2496		35871	240		•	,,,,			, -		366										
	112		51		0075		2424		3618	244		00	3489	16	02	88	15	356										
	172		089		0077		2412		36205	245							15	354										
	1/2		51		0100		2206		3651	253		0.0	2656	9	03	65	15	310										
	172		089		0102		2190		36531	254	3						15	306										
	112		51		0125		2051		3659	256	6	0.0	2200	3	04	25	15	274										
				10	0150		1931		3660	261			1898		04	77	15	246										
	172		085		0151				36604																			
	112		51		0200		1787	,	3644	264	2	0.0	1682	6	05	66	15	211										
	172		089		0201		1785		36439	264	3						15	211										
	172		089	_	0247		176	,	36484	265	1						15	214										
	4 / 4			TO	0250		1762		3647	265	1	00	1618	8 8	06	49		212										
	172		085		0292		1692	2	36343	265	9							197										
				T D	0300)	168	l	3629	265	7	00	157	75	07			195										
			51	TO	0400)	1500)	3577	265	8	0.0	1583	34	08	87	15	149										
	172		0.85		0463	3	1350)																				
			5	10	0500)	120	3	3537	268			1306		10			064										
			S.	T O	0600)	0885	>	3511	272		00	0950) 4	11	44		961										
	172		08	5	10637	7	078		35053	273								930										
			S	T D	0700)	065	4	3504	275			066		12			888										
			5	TO	0800)	051	3	3502	27		0.0	050	5 2	12	84		848										
	172		08	S	т0813	3	050	1	35016	27:	71						14	845										

FERENCE SH		LA TITUO)E L	ONGITUDE ENGINE	MARSOI SQUAR	II.	STATION T		YEAR		ATOR'S TATION		DEPTH 10 BDITOM	DEPTH OF S'MPL"	DBSE	WAVE PVATIONS	WEA- THER COOE	CLDUD CDDES			NDOC STATION NUMBER
11566 A.	z 3	3454		7450 W	116		11 17		969 METE Imbe	R DRT		VIE CODE	2561 NO 085 DEPTHS		06	2 3	×1	6 6			001
				_			07	513	331	0 176	125	-	14					-		i	_
- 11	ME of 1710	CAST ND	TYPE	DEFTH (m)	1 1	ς	5 *4.	SIGN	A=1	SMCIFIC VOLL ANOMALTER	. 1	103		DCII1	O 2 m1/3	PO4=7 va = 81/1	TDTAL-P #g + e+/l		NO3-N V9 - 01/1	NO - 01	
			510	0000	24	E 0	3591	241	7	003754	2 1	0000	1.5	349		ļ					1
				0000	24		35910	24		00) () 4	-	,		349							
	195		085	2008	24		35909	24						350							
	195		085 510		24		3591	241		003749	3 0	0038		350							
			510		24		3591	242		003723		075		349							
	195		085	0027	24		35921	243		00				348							
	143		510		24		3593	242		003663	7 (112		346							
	195		085	0041	23		35939	244		00.000		,		335							
	1 7)		510	-	22		3599	24		003230	0 0	181	15	316							
	195		085	0061	22																
	1 7 3		STO		22		3611	250	0.0	002998	6 0	259	15	307							
	195		085	1800	22		,														
	1 ,)		STO		20		3617	254	46	002569	2 (328	15	273							
	195		005	0120		0	36187														
	193		STO		19	0.1	3618	25	74	002119	6 (387	15	228							
			510		17		3615	26	3.0	001779	3 (0436	15	188							
	195		085	10156	17		36130						15	179							
	195		085	0190	15		35990							133							
			STC		14		3595	26		001303	7 (0513	15	105							
	195		005	0221		96	35856	27	8.0				15	054							
			STE		1.2		3572	27) 5	001084	4 (572	15	044							
			SID		11	70	3550	27	5	001092	6	0627		020							
	195		UBS	0320	1.1	26	35425	27	8					007							
			STO		0.8		3515	27	2.7	000891	5 (0726		931							
	195		UBS	10412	0.8	64	35124	2.7	29					923							
	- / '		5.7.0		67	40	3508	27	45	000730	12 (0807	14	889							
	195		085	T0519	0.7	13	35073	2.7	48				14	802							
			STO	0600	0 5	94	3504	27	61	000570	15 (0872	14	848							
			510	0730	04	40	3500	27	76	000417	13 (0921		801							
	195		085	0724	0.3	94	34988	27	0.0				1 4	786							

Table XV. Observed and interpolated oceanographic data taken by USCGC ABSECON, 16-17 November 1969, on North Atlantic Standard Monitoring Section A6. Prepared from NODC listing number 31-1566.—Continued

REFERENC	SHIP	LATITI	JDE	LONGITUDE	15 5	sau	SOEN		HON T		YEAR	CEU		STAT	ION		DEPTH TD BOTTOM	DEPTH	08	WAVE SERVATIONS	CODE	CODE		S1	ADDC ATION UMBER
DOE NO). U	·	1/10	. 1/	10	10"	1*	MO	DAY	R,1/10		N	0	NUM	BER	- !	0110~	S'MPL	S DIL	HGT PIP S	E CODE	1178 AM	1		
1156	56 AZ	3505	N	07505	w	116	55	11	17	220 1	969	1	46 11	14		10	190	ĺ	07	1 2	×1	6 4			0014
							WA	TER	T	VIND	BAR	n. T	AIR TE	MP	7	vit	NO.		ECIAL						
							CDLOS	TEAN	DIR	SPEED OIL	M ETI (mbi	Ē	DRY		ET ILB	cone	OBS DEPTNS		VATIONS						
									07	513	32	8	176	1	25	7	07			ĺ					
	HESSENG TIME HB 1/10	NO.	CAL		H (m)	1	τ		٠/	SIGM	A-T	SPEC	HIC YOU	UM (10 ⁷	DY	∆ D N. 03		UND DCITT	O2 m1/1	PO4=P uq = 81/1		ND2-N	ND3=N #g - a1/3		ρН
								1							١		1								
			-	TD 00			320		85	245		0.0	03406	6	00	00		314							
	22	D	OB:				320		848	245				_				314							
				TD 00			321		87	245		0.0	03396	0	00	34		317							
	2.2	0	0 B				321		872	245				_				317							
				TD 00			284		80	246			03348			8 6		308							
				TD 00			265		73	246		D	03351	6	01	01		304							
	22	0	08				263		710	246								304							
				TD 00			285		85	246		00	03329	, ,	U	68		314							
	22	0	OB:				288		872	246		0.1		_	0.7	37		315							
		_		10 00			002		37	258		00	02215	. 1	02	31		250 239							
	22	D	OB:				958		400	259			7	-	0.7	87		183							
				TD 01			756		21	263		00	01742	~	02	0 /									
	2.2	9	08.			1	715		168	263	, 4						15	171							
				TD 01					02																
		_		TD 01					87																
	2.2	U	08	s 01	51			32	840																

FERENCE	SHIP				-=	MARSDEN	STATE	ON TI			ORIGIN	(A10	R'S	DIFTH	DEPT		WAV		WE		CLDU			NODC
NO NO	CODE	LATITU	DE 1/10	LONGITUDE 1/10	201	SQUARE	10 D	AY H		EAR		STAT		1D 801104	- 01		HGT .		I H	ne L	CODE			NOITAT
1156	6 AZ	3503	N	07505 w	1	16 55			36 1	969	A 6 11			0585		0.7	1	2	×	ı	6 3			001
							18A NS.	OIR	SMED OF FORCE	BARD STEM (mbs	D#1	w	FT COD	OBS DEPTH	04154	ECIAL VATIONS								
								07	514	32	8 175	1	24 7	07										
	MESSENG ISMA HR 1/10	W NO	CAR		(m i	1 %	2	٠/	SIGMA	. — т	SPECIFIC VOLU		\$ △ D DYN A £ 103		DAUI TIOO.	D2 m1/1		4~P	1074L		ND 3-N #8 - 01/1	NO + 01	\$104=5 144-01	
														Π.										1
			51			2332	355		245		003402	4	0000		318									
	2.3	6	OBS			2332	359		245						318									
			51			2329	359		245		003394	4	0034		319									
	23	6	085			2329	359		2450						319									
			51			2326	359		2451		003391		0068		320									
			51			2324	359		245		003391	2	0102		321									
	23	6	089			2323	359		245						321									
			51	D 005	0	2319	359	19	246	5	003322	2	0169		324									
	23	6	085	005	2	2319	360	03	246	5					324									
			51	0 007	5	2024	362	9	257	0	002329	4	0240	15	255									
	2.3	6	085	007	8	1990	363	113	258	1				1.5	247									
			51	0 010	0	1780	363	3 1	263	4	001725	8	0290	15	191									
	2.3	6	085	010	3	1756	362	96	263	9				1.5	185									
	-	_	51	0 012	5		361	2																
			51				357	4																
		6	085				356																	

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.

ERENCE	SHIP	LATITU	П	LON	GITUDE 5	Ę ";	ARSDEN	STA	ION T	ME	YEAR	CRUISE		ATOR'S	\Box	DEP	, 100	TH	ORSE	WAVE EVATIONS	WEA-	CLOUD			NDDC
ID.	CODS		1/10		GITUDE	10		MO	DAY	R,1/10		NO.		HUMBER		8DT1	DM 5'M	L'S	OM.	HGT M1 51		TYPE AM			NUMBER
18006	EV	2824	N	070	12 W	108	0 80	01	29 0	68	1967		03			539	25		30	5 1	x1	8 6	1		0038
							COLDE	_		SMEC	, MAR	D+	AU TE	MP. TO	VII.	NO DE	5	PECIA	LL						
							CODE	lmi	1	FORC	$\overline{}$	-	ULE	BULB	\perp	DEFI									
	_	,				_		Ļ	30	530	14	6 2	06	194	1.	20	<u> </u>	_						1	_
	MESSENG	CAST	CAR	•	DEPTH (m)		τt	s	٠4.	SIG	M A -T	SPECIPI	C VOLU	MF C	* 10 ³	Η,	SOUND VELD CITY	0	2 mt/l	PO ₄ =P	101AL-F		ND3-N	SI Da-	
	NR 1/10	1	- '''	`		+		+-	_	+		-		-	x 10'	+		+		-					-
	1	1	 51	. 1	0000	-	2255	36	6.2	25	31	00.2	668	6 I	000	1	15307	1		į i			ì	1	1
	07	0	085		0000		2255		624		31	002	•••	•			5307								
	071	0	ST		0010		2256	36			30	002	682	5 0	026	1	5309		02						
	071	0	085		3010		2256	36	614	25	30						15309		02						
			S.T	0	3020		2256	36	61		30		686		053		15310		99						
			ST		0030		2256	36			30		690		080		5312		97						
			ST		0050		2256	36			30	002	697	4 0	134		5315		89						
	0.7	D	085		0051		2256		615		30		E / -		300		15316		89						
			ST		0075		2228	36			45		567 401		262		15314 15305		64						
			51		0100		2176	36	75 755		64 65	002	401	0 0	202		15304		63						
	0.70	D	085		0102		2079	36			89	002	166		319		5283		60						
			5 T		0150		1997	36			09		989		371		15265		56						
	07	0	0B5		0152		1991		700		10	001	, , ,				15264		156						
	0 11	0	51		0200		1892		59		27	001	827	7 0	466		15243		49						
	07	n	OBS		T0203		1887		585		28						15242	-	449						
	•	•	51		0250		1847	36		26	37	001	748	3 (556	. 1	15238	-	81						
			51		0300		1811	36	55	26	45	001	694	8 0	642	1	15236		97						
	0.7	0	089	,	0304		1808	36	547	26	45						15236		97						
			51	O	0400		1756		47		52	001	656	8 0	809		15235		66						
	0.7	0	089		10404		1753		463		53						15235		165						
			51		0500		1672		29		58		625		973		15225		+34						
			51		0600		1532		05		7.2	001	512	0 1	130		15195		0.4						
	0.7	0	OBS		0606		1522		032		74	00.1	204	0 1	271		15193 15130		402 368						
			51		0700		1295		68		95		304		392		15067		345						
			51		0800		1075		39 375			001	110	2 1	1392		15063		344						
	07	0	089		10807		1060		19		16	0.00	905	2 1	493		15002		,44						
			51		0900 1000		0696		07		50		753		576		14955								
	07	0	S1 083		1007		0687		063		51	000			, c		14952								
	0 /	0	S1		1100		0610		06	_	761	000	645	4 1	1646		14937								
			51		1200		0542		06		770		561		706		14926								
	0.7	0	OB		T1206		0538		061		770		_				14926								
	0 /	~		T D	1300		0488		03		773	000	522	7	1761	1	14921								
				TO	1400		0449		01	2	776	000	494	5	1811	1	14921								
	0.7	0	OB:		T1498		0424	35	006	2	779						14927								
			5	TD	1500		0424		01	_	779	000	0471	2	1860		14927								
	0.7	0	08	S	11556		0416		013		780			_			14934		592						
				TO	1750		0396		01		782		1455		1976		14958		592						
				ŢΟ	2000		0370		00		784	000	1448	3 7	2089		14989		592						
	0.8	2	08		2082		0362		994		784				131		15000		592						
				TO	2500		0318		96		786	000	0435) (2310		15052 15064		603 605						
	0.8	2	OB.		T 25 9 1		0310		959		786	0.01	0425	. 0	2529		15121		544						
				TD	3000		0278		94		788 788	000	1425	, 7	272		15140		542						
	08		0.8		3133				932		789				٠		15221		620						
	0.8	2	OB:		3660		0244		91		789	000	0435		2950		15279		JEV						
			OB.	10	4000 T4182		0236		905		789	out	, 7) .)(15309								
	0.8	2		5 TD	5000		0225		89		788	0.04	0468	3.7	3408		15450								
			0B		5116		0223		884		788	001	, 400	, ,			15470								
	0.8	2	UB)	2110		0223	94	.004	2	,00							-							

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE		_	L	MARSDEN	STATION TO		OBGINA	ors		MAE	WAVE	WEA	. cron	,			1
CTET ID. COD		1/10	LONGITUDE TIVIO	SQUARE	MO DAY H	YEAR	CRUISE STA	TION	TO BOTTOM		HGT PER S	THE	CODE	5	5	NODC STATION NUMBER	
318006 EV	283	ואו	07124 W	080 81	01 29 1	71 196			5395	30		×1	8 5	1		0039	J.
					TEAMS DIL	10010		W ET CODE	NO. OBS. DEPTNS	SPECIAL DESERVATION	s						
				CODE	30			167 7	14		-						
₩151₹ ***	HG! CAST	CAPO	DEPTH Imi	T , *	5 %.	SIGMA-T	SPECIFIC VOLUM	1 - 0 -	SOUP		/ PO4=P	101AL-	NO2-N	NO,-N	51 04-51	T	13
HR 1		TYPE	00000	1	1	310-1-1	ANDMALT-EIR?	x 103	. AEFO	ITY O2 MI	#G + #1/1	wg + 41/1	ug - et/l		pg - 61/	PH	č
1	t	ST	0000	2247	1 3662	2534	0026477	0000	153	 05 486	,	!				ŀ	
1	74	085	0000	2247	36623	2534			153	05 486	•						
1	74	5TI 0B5	0010	2246 2246	3662 36622	2534 2534	0026499	0026	153 153								
		510 510		2246 2246	3662 3662	2534 2534	0026538 0026568	0053	153 153								
		ST	0050	2246	3662	2534	0026647	0132	153	13 483							
1	74	085 510	0052	2246 2233	36623 3668	2534 2542	0025983	0198	153 153		•						
1	74	085 ST	0076	2232 2195	36682 3675	2542 2558	0024564	0261	153 153								
1	74	085	0101	2193	36749	2558			153	09 497	,						
1	74	510 0 8 5	0125	2121 2052	3675 36748	2579 2597	0022686	0320	152 152								
		STO		2049 1915	3675 3665	2598 2626	0020923 0018419	0375 0473	152 152								
1	74	085	0204	1907	36644	2628			152	48 477							
		510 510		1858 1816	3659 3655	2636 2643	0017604 0017095	0563 0650	152 152								
1	74	085 510	0306	1812 1770	36543 3649	2644 2650	0016756	0819	152 152	37 458							
1	74	085	10408	1765	36481	2651			152	39 462							
		510 510		1692 1569	3633 3612	2657 2670	0016388	0985 1144	152 152								
1	74	085 510	0613	1550 1378	36087 3581	2671 2688	0013838	1291	152 151	04 409							
	_	STO	0800	1184	3553	2705	0012180	1421	151	07 342							
1	74	085	T0815 0900	1155 0970	35496 3528	2708 2724	0010304	1533	150 150								
1	74	5T(280	1000	0793 0753	3511 35077	2739 2742	0008764	1628	149								
	. 4	STO	1100	0670	3507	2753	0007309	1709	149	61 416							
ı	74	510 085	1200 T1226	0577 0557	3505 35051	2765 2767	0006166	1776	149 149								
		510 510		0508 0461	3504 3503	2772 2776	0005401	1834 1886	149								
		5 T C		0439	3502	2778	0004835	1935	149								
	74	085	T1542	0436	35012	2778			149								
REPERENCE SNIP	74	OBS	T1542	0436 MARSDEN SQUARE	STATION TIM	ETEAR	ORIGINATO CEUISE STAT	IT'S	DEPTH D	40 573	WAVE SERVATIONS	WEA- THEP CODE	Crono		5.1	OOC ATION	
REPERENCE SNIP	1	085 DE U	T1542	MAPSDEN SQUARE	STATION TIM	E TEAR	ORIGINATO CRUISE STAT NO. NUN	E'S ION BER B	DEPTH D	40 573	WAVE	THEF			ST N	ATION UMBER	
REPERENCE SNIP	LATITU	085 DE U	T1542	0436 MAPSDEN SQUARE 10° 3° 40	STATION TIME IGMT) MO DAY HR. 1 30 00	E TEAR 1/10 14 1967	ORIGINATO CRUISE STAT NO. NUM A 7 1 0 4 0 D. AIR TEMP	F'S ION IBER 4	DEFTH 0 10 DTTOM 51	MAZ. EPTH OBS MPL'S DR. 30	WAVE SERVATIONS	COOE	TYPE AMI		ST N	MATION	
REPERENCE SNIP	LATITU	085 DE U	T1542	0436 MARSDEN SQUARE 10' 3' 9	STATION THE IGMTS MO DAY HR. 0 1 30 00 E8 WIP TEANS DIR.	TEAR 1/18 14 1967 10 BARC 1010 METION 10 METIO	ORIGINATO CRUISE STAT NO. NUM A 7 1 0 4 0 D. AIR TEMP ER DRT W H BULA BU	R'S ION BER B	746	40 573 WAZ. EPTH OB! OB! DIR. 30	WAVE SERVATIONS	COOE	TYPE AMI		ST N	MATION	
REFERENCE SNIP CITY ID. CODE NO. 318006 EV	2831	OBS	71542 ONGITUDE 538 11/16	MAPSDEN SQUARE 10° 1° 1° 1° 080 82 WATI COLOR CODE	STATION 1(M IGMT) MO DAY HR: 1 30 00 El Will TEANS DIR 30 S	E TEAR 1/10 14 1967 10 EAR 1010 1010 1010 111 21	ORIGINATO CRUISE STAT NO. NUN A 7 1 0 4 0 DET DET DET BULA BU 3	BER B	DEFTH 0 10 DTTOM 51	MAX. BETTH OBS. OBS. DR. 30 SPECIAL SSERVATIONS	WAVE SERVATIONS HIGH FREE SEA	THE CODE	178 AM1	NG1-N	ST	ATION UMBER DO 4 0	73
REFERENCE SNIP CITY ID. CODE NO. 318006 EV	2831	OBS	T1542	0436 MAPSDEN SQUARE 10° 3° 40	STATION THE IGMTS MO DAY HR. 0 1 30 00 E8 WIP TEANS DIR.	TEAR 1/18 14 1967 10 BARC 1010 METION 10 METIO	ORIGINATO CRUISE STAR NO. NUM A 7 1 0 4 0 D- AIR TEMP ER DRT W. 11 FULA SE	R'S ION BER B	DEPTH TO DOTTOM ST. 746 NO. OBS. DEPTHS OF	MAZ. BETH OBS OF MPL'S DR. 30 SPECIAL ISSERVATIONS	WAVE SERVATIONS MGT FEE SEA	COOE	TYPE AMI	NO3-N µg-el/i	ST N	MATION	200
REFERENCE SNIP COOK NO. COOK 318006 EV	2831	OBS	71542 ONGITUDE 538 11/16	MAPSDEN SQUARE 10° 1° 1° 1° 080 82 WATI COLOR CODE	STATION 1(M IGMT) MO DAY HR: 1 30 00 El Will TEANS DIR 30 S	E TEAR 1/10 14 1967 10 EAR 1010 1010 1010 111 21	ORIGINATO CRUISE STAT NO. NUN A 7 1 0 4 0 DET DET DET BULA BU 3	FY CODE	DEPTH DO TOWN ST. 746 NO. OBS. DEPTHS OF	MAZ. EPTH OF OBS. OF 30 SPECIAL SERVATIONS OF OF MILE	WAVE SERVATIONS POT THE SEA	X1	8 2	NO3-N µg - qt/i	\$1 O4-\$1	ATION UMBER DO 4 0	200
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######################################	28311 28311 60 T HC	CARD 1776 STO 085 STO 085 STO 085 STO 085 STO 085 STO 085 STO 085 STO 085 STO 085	T1542 ONGITUDE 1/1/16 1/1/17 ORGITUDE 1/1/17 ORGITUD	0436 MASSDEN SQUARE 10° 3° 1' 080 82 (COOK) WAT COOK 2201 2201 2201 2299 2199 2198 2198 2198 2198 2198 219	30 S 3 · /	## TEAR TEAR	ORIGINATO CEUISE STATA NO. NO. STATA A7 1 04 0 D. AR TEMP ED TO WAS 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	#15 10N	DEPTH 0 0 0 110 M ST. 746 NO. 015. 015. 015. 015. 015. 015. 015. 015	4 492 4 492 5 497 7 505 8 510 1 510	WAVE SERVATIONS POT THE SEA	X1	8 2	NO3=N #8 - 01/5	\$1 O4-\$1	ATION UMBER DO 4 0	*GC
APPENICE SMP COOL COOL COOL COOL COOL COOL COOL COO	28319 28319 60 CAST W HO	CAND 1178 STD 085 STD	T1542 ONCHUDE 1/10 EX 1/10 FE	0436 MAFSDEN SQUARE 10' 3' 1' 080 82 (31 ATION TIME IONI IONI IONI IONI IONI IONI IONI ION	TEAR 14. 1967 NO	ORIGINATO CEUISE STAT NO. NO. STAT NO. AT TEMP AT JULE STAT INCLUDE VOLUME AT JULE STAT OU 24 84 5 OU 24 84 5 OU 24 85 0 OU 24 85 0 OU 24 85 0 OU 24 93 1	#15 10N	1529 1529 1529 1529 1529 1530 1530 1530	4 492 4 492 4 492 5 497 7 505 8 510 1 510 9 3 492 4 483 2 482 4 82	WAVE SERVATIONS POT THE SEA	X1	8 2	NO ₃ -N	\$1 O4-\$1	ATION UMBER DO 4 0	₩ O U
TOTAL SAME SAME SAME SAME SAME SAME SAME SAME	28319 28319 60 CAST W HO	CAND 11/12	T1542 ONGITUDE 1/1/8 7232 W OLEMA Im. OCOO OOO OOO OOO OOO OOO OOO OOO OOO	0436 MASSDEN SQUARE 10° 17' 1080 82 (WAR COOK COOK 1 2201 2201 2201 2199 2199 2198 2198 2198 2187 2186 2171 2165 2042 1958	3668 36677 3668 36678 36668 3672 3676 3676 3676 3676 3676 3676 3676		ORIGINATO CRUISE STAT NO. NO. STAT NO. AT TEMP A7 1 040 D. AR TEMP BULA BI OUL	#5 4 4 5 5 6 6 6 6 6 6 6 6	1529 1529 1529 1530 1530 1530 1530 1530 1530 1530	A 492 4 492 4 492 5 497 7 505 8 510 1 510 1 509 3 492 4 482 3 469 4 462 4 462 4 462 4 462 6 462	WAVE SERVATIONS POT THE SEA	X1	8 2	NO ₃ -N NO ₃ -nV	\$1 O4-\$1	ATION UMBER DO 4 0	**O C
APPENICE SMP COOL COOL COOL COOL COOL COOL COOL COO	28315 28315 6 CAST 10 T MC	CAND 177	T1542 ONGITUDE 1/1/8 T 1/1/8	0436 MASSDEN SQUARE 10° 3° 1' 1' 080 82 (wat coot 1 t t 2201 2201 2201 2199 2199 2198 2198 2198 2187 2186 2171 2165 2042 21958 1958 1958 1958 1958 1958 1958 1958	31 ATION TIME 300 DE WITH 300 DE WITH 300 ST WITH 300		ORIGINATO CEUISE STATA NO. NO. NAT TEMP A 71 040 D. AR TEMP TO LA 81 IMCUNC VOLUME ANOMALY-118 00 24 8 4 5 00 24 8 5 0 00 24 8 8 0 00 24 8 8 0 00 24 34 8 00 23 66 4 00 20 96 3	#5 # # # # # # # # #	Total Tota	AGE 17 02 mills 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WAVE SERVATIONS POT THE SEA	X1	8 2	NO1-N +9 - 0/1	\$1 O4-\$1	ATION UMBER DO 4 0	3-U-C
######################################	28315 28315 6 CAST 10 T MC	CAND 085 STO 0	T1542 ONCHUDE 1/10 EX T232 W ORTH (m) OU000 OU000 OU10 OU10 OU10 OU10 OU10 O	0436 MAFSDEN SQUARE 10' 3' 1' 080 82 WAT COOP! 1 t t 2201 2201 2201 2199 2199 2198 2198 2187 2186 2171 2165 2042 1954	314 TION TIME TOWN TOWN TOWN TOWN TOWN TOWN TOWN TOWN		ORIGINATO CRUISE STAT NO. NO. STAT NO. AT TEMP A7 1 040 D. AR TEMP BULA BI OUL	#5 4 4 5 5 6 6 6 6 6 6 6 6	746 NO. 00 NO. 0	4 492 4 492 4 492 5 497 7 505 8 510 1 510	WAVE SERVATIONS POT THE SEA	X1	8 2	NO_3-N	\$1 O4-\$1	ATION UMBER DO 4 0	3-0 C
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######################################	28311 ca (CAST)	OBS CAND CONTROL CON	T1542 ONCHUDE 1/10 EX 1/10 TO	0436 MAFSDEN SQUARM (COLOR COOR COOR COOR COOR COOR COOR COOR	31 ATION TIME STATION TIME STAT		ORIGINATO CRUISE STAN A 71 040 A 71 040 D. AR TEMP TO 24845 0024850 0024880 0024880 0024880 0024931 0024348 0023664 002963 0019132 0017594 0017594 0016691	#\$ #\$ ## ## ## ## ## ## #	DEPTH 70 PT 746 74	4 492 4 492 4 492 5 5 497 7 5 5 10 1 5 10 1 1 1 5 10 1 1 1 5 10 1 1 1 5 10 1 1 1 1	WAVE SERVATIONS POT THE SEA	X1	8 2	NCj-N ps = et/1	\$1 O4-\$1	ATION UMBER DO 4 0	**UU
######################################	28311 ca (CAST)	CAND 1/1/16 STD 085	T1542 ONGITUDE 1/1/8 7232 W ORIFIT IN) O000 0000 0010 0020 0010 0020 0074 0075 0148 0150 0299 0300 0250 0250 0299 0300 0400 0500 0504 0600 0500 0704 0600	0436 MASSDEN SQUARE 10° 37' 1' 080 82 (31 ATION TIME 31 30 SO 1 ' 3668 36677 3668 36677 3668 36677 3668 36679 3668 36673 3668 36673 3668 36673 3668 36678 3668 366		ORIGINATO CRUISE STATE NO. NO. NO. NO. NO. NO. NO. NO. NO. NO.	#\$ 100 1	DEFINITION 7.746 NC 005. 005. 14 SOUNCE 1529 1529 1529 1529 1529 1529 1529 1529	AND STREET OF THE PROPERTY OF	WAVE SERVATIONS POT THE SEA	X1	8 2	NCj-N ps = et/1	\$1 O4-\$1	ATION UMBER DO 4 0	THU U
######################################	26311 26311 26 31	CAND 1/1/18 CAND 1/1/18 STD 085 STD	T1542 ONCHUDE	0436 MARSDEN SQUARY 10' 37' 10' 82'	31 ATION TIME IDATE 1		ORIGINATO CRUISE STAN A7 1 040 A7 1 040 D. A8 TEMP 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	#\$ 100 1	DEFIN 0 100 M 1 100 M	4 492 4 492 4 492 5 497 7 505 8 510 1 510	WAVE SERVATIONS POT THE SEA	X1	8 2	NCj-N ps - et/1	\$1 O4-\$1	ATION UMBER DO 4 0	THE PROPERTY OF THE PROPERTY O
######################################	26311 26311 26 31	OBS CAAD 1/10 CAAD 1/1	T1542 ONCHUDE	0436 MAFSDEN SQUARM (197 NT 1	31 ATION TIME STATION TIME STATION TIME 30 STATION		ORIGINATO CRUISE STAND A 71 040 A 71 040 D. AR TEMP 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	#5	DEPTH 70 100 100 100 100 100 100 100 100 100	4 492 4 492 4 492 5 497 7 505 8 5100 1 509 3 492 3 462 4 483 2 482 3 469 4 462 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 5 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 465 6 497 7 467	WAVE SERVATIONS POT THE SEA	X1	8 2	NC3-N ps - m//	\$1 O4-\$1	ATION UMBER DO 4 0	**************************************
######################################	CAST CAST CAST CAST CAST CAST CAST CAST	CAND 1/1/10 STD 085 S	T1542 ONGITUDE 1/1/18 7232 W OUND 0000 0000 0010 0010 0020 0074 0075 0198 0200 0400 0500 0500 0500 0704 0707 0800 0997	0436 MAFSDEN SQUARM [19" NT 10" NT	31 ATION TIME STATION TIME STATION TIME 300 IS 300		ORGINATO CRUISE STAND A 7 1 0 4 0 D. AT TEMP 3 3 1 14 15 14 15 15 15 16 15 16 15 16 16 18 17 9 10 16 18 18 18 18 18 18 18 18 18 18 18 18 18	#5 100 1	DEFINITION 17.746 NCS NCS NCS NCS NCS NCS NCS NCS NCS NCS	4 492 4 492 4 492 5 497 7 505 8 510 11 510 1	WAVE SERVATIONS POT THE SEA	X1	8 2	NC3-N 29 - 107	\$1 O4-\$1	ATION UMBER DO 4 0	#UU
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Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

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	096		OBS		1424		431		12	27							918	579							
			5 T	D	1500	0	420	35	00	27	79	00	04683	1 1	B 3 5	14	926	591							
	085		085	Ţ	1502	0	420	35	004	27	79					14	926	591							
			5 T	0	1750	0	387	34	99	271		00	04555	1	951		954	596							
	096		085		1900		370		985	27							972	599							
			51		2000		360	34		27		00	004465	20	063		985	601							
	096		085		2380		325		965	271			206322		703		035	606							
	001		5T		2500		315	34		271		00	004328	2.	283		051	606							
	096		085 51		2864 3000		285 273	34	946	271		0.0	004251	2.	98		101	608 610							
	096		085		3324		250		920	271		•	.0 -2 3 1		,,,		165	613							
	096		085		3848		231		001	279							250	610							
	- 70		5 T		4000		228	35		27		00	03528	3 2	887		275	605							
	096		085		4106		226	35	000	27							293	601							

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

								nur	nbe	er o	1-0	3(00	<u> </u>	ont	ınu	ea								
CTEY IO.	SHIP	LATITU		LONGITUDE	NOC.	MARSO	RE		MTI	1	EAR		UISE	STATIO	N	DEPTN 10 BOTTON	OF	N 085	WAVE ERVATIONS	1.2	WEA-	CLOUG		5,7	OOC ATION UMBER
318006	FV	2833	1/10 N	1/10 074545W	+	080		MO 04	1	\neg	967	\vdash	71 04		•	4938	, S.M.bi		3 2	-	x 1	8 6	-	-	0042
110000		2033	,, ,	014040#			WAT	ER	WIN		BATC)+	A IR TE	MP. TO	VIS.	NO.	se	ECIAL	12 12 1						
						1	0001	<u>(a)</u>	DIR	OFCE	(mbs	1	BULB	BUL	$\overline{}$	CEPTHS	ORZEA	VATIONS							
	_					,]3	30 S	80	224		217	18	_	14	_	لــــا		_				-	
	MESSINGE SIME HR 1/10	CAST NO.	CARD	OFFIN	(m)	7	t	5 -	۷۰	SIGMA	1 − 7	SPE	ECIFIC VOLL	25	¥,0°, ₩		סאטי סכוזי	03 m1/1	PO_g=#	10TA	41/3	NO2−N #8 - 01/1	NO3-N	\$1 O4=\$4 #8 - 01/1	g N
	HR 1710	-	_		_	1		 	_					\top		+			+	-	<u> </u>			_	
			ST			22		3662		253		0	02655	0 (0000		305	483							
	166		085 ST0	000		22		3661 3661		253 253		0	02649	8 (0026		305 306	483 497							
	166		085 ST0	001		22		3661 3661		2534		٥	02647	4 1	053		306 307	497 491							
			STI	003	0	22	40	3661	l.	253	5	0	02647	7 (079	15	308	487							
	166		STI 085	005		2 2 2 2		3661		2535		0	02653	8 (132		311	483 483							
			STI	007	5	22	44	3661	l	253	4	0	02674	5 (199		316	488							
	166		085 ST0	007		22		3661		2539		0	02677	9 (266		316 320	488 487							
	166		085 ST(010		22		3661		2535 2568		٥	02368	5 (329		320 300	487 463							
			510	015	0	20	60	3674		2594			02126		385	15	282	445							
	166		OBS	0150		20 19		3673		2594		0	01875	7 ()485		282 254	445 432							
	166		085	T020	1	19	27	3664	• 9	262	3					15	254	432							
			STO			18 18		3659 3653		2635 264			01776 01706)576)663		243 236	446							
	166		08S	030	2	18 17	09	3653 3642		264		0	01644	в -	31		235	454							
	166		OBS	1040	2	17	34	3641	17	265	4					15	229	449							
			ST0			16 14		3617 3590		266! 268			01561		991 1140		203 165	407 374							
	166		085	060	1	14	40	3589	96	268	1					15	164	374							
			STO			12		3557		270			01225		1273 1386		041	357 340							
	166		085	1080	2	10	00	3530	9	272 274	1				1481		040 980	340 375							
			STO			08 06		3515 3505	5	275	5		00839 00696	5	1557		936	418							
	166		OBS	100		06 05		3505		275		n	00599	0	1622		936	418 481							
	166		085	T119	9	05	06	3503	35	277	2					14	911	529							
			STO			05 04		3503		277			100529 100486		1679 1729		911	529 563							
			511	0 140	0	04	31	3501	1	277	В		00468		1777	14	914	582							
	166		085	1149		04	20	3499	91	277	0						925	5 A 6							
TET IO.	SHIF	LATITU	Of 1	LONGITUOE	00 te	MARSO	RE	STATIO	N TIME	,	EAII	CBI	OBGIN	ATORS		DEFTH	OEPTI OF	OBS	WAYE ERVATIONS	1	VFA. H§E	CLOAD		51	ODC
06 NO.		<u>. </u>	1/10	1/10	1-1	10°		MO GA						NUMBE		101104	2. MbF	1	HGT PER SI	+	001	TYPE AMI	-	-+-	JMBIR
318006	Ev I	2833	N 1 C	37529 W	1	0801	WAT	11 130	WIN		267.		71 04 AIR 16		vis	4938 ND. OBS	.,	I 29 ECIAL	2 2	1 2	X l	8 6	1	- 1	0043
						C	0L0#	TRANE C	D1#	01 OF CE	ME1E (mhi		DIT	NULE	C 0 0 E	OBS DEFTHS	DBSER	VATIONS							
ı								2	8 S	06	213	3_	222	16		14									
	MISSINGE THE E	CAST	CARD	DEPTH	(m)	, ,	t	5 */	٠.	SIGMA	-1	SPE	ICIFIC VOLU	57	1 103 2 103 2 103 1 103	SO! VEL	UND DCI17	02 ml/l	FO ₄ =F	101		NO2-N	NO ₃ -N	\$1 O . ~ \$1 vg = 61/1	рН
	HR 1/10				-				-+			_		-		+-			1	-		-		-	
			STO			21		3654		255		0	02470	9 (0000		282	492							
	209		OBS	000		21		3654 3654		2555		0	02443	9 (0024		282 280	492 505							
	209		085	001		21-		3653 3653		2555 2556		0	02440	5 /	0049		280 281	505 501							
			510 510	0031	0	21	41	3653	3	255	7	0	02438	9 (073	15	282	498							
	209		OBS	005		21		3653		2551		0	02443	8 (1122		284 284	495 495							
			STE	007	5	21	42	3654	•	255	7	0	02455	2 (183	15	289 289	495							
	209		08S	007		21-		3654	5	255° 2558	3	0	02453	9 ()244	15	293	495 495							
	209		085 511	010		21		3655 3664		2558 2585		٥	02208	0 0	303		293 279	495							
			STE	0150	G	19	99	3666	3	2606	5		02012		355	15	265	492							
	209		085 ST0	015 020		19 18		3667 3661		260		0	01789	5 (450		265 240	492 456							
	209		OBS	T020	1	18	80	3660 3657	8	263	2		01721	, ,	>>36		240 234	456							
			STO	030	٥	18 17	97	3653	3	2640 264	7		01678		623	15	232	461							
	209		085 ST0	030		17 17		3652 3646		264° 2652		01	01658	5 (790		232	464							
	209		085	T040	1	17	54	3646	1	2652	?					15	235	460							
			STO			16 15		3625		2661 2675			01602° 01486		108		218 187								
	209		085	060	2	15	03	3600	0	2675	5		01307		247	15	186								
			ST0	080	0	10	84	3566 3539	>	2694 2713	3		01307		369	15	128 070								
	209		085 ST0	0900 C		10 08		3537 3519		2714		04	00922	4 1	472		066 006	330 362							
			510	1000	0	07	04	3507	7	2749	9		00766		556	14	958	403							
	209		085 ST0	1000		061		3506 3505		2749 2761		01	00644	4 1	627		955 935	406							
			510	1200	0	0.5	31	3505	,	2770)		00557		687	14	922	512							
	209		085 510	121		05		3504 3503		2770		01	00530	7]	742		920 924	517 547							
			STO	1400	D	04	67	3502 3501	2	2775	5	00	00510	2 1	794	14	929 933	570 579							
	209		STO OBS	1514		04		3500		277		U	~ U → 7 U	_ 1	J-4		934	579							

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

SNIP CODE	LATTU	- 1	NGITUDE 1/10	S sor	SOEN	STATION	TI	YEAR	CRUSE NO.	STATIO	N	DEPTH TO BOTTOM	MAX. DEPTH DP S'MPL'S	085	WAVE ENONT AVE	WEA-	CODES			NODC
		1/10	1/18	10*	11"	MO DAY	1		 		-		2 mr. ()		HGT FEE SEA	+		' 	-+	
36 EV 1	2832	N 07	1600 w	080				1967				4846		30	2 2	X 1	8 5		1	004
					WA		WIND	- SARC	J•	EMP. C	VIE	NO. 065.	SPEC	IAL						
					COLDA	18445 OI	E 01			RUL		DEPTHS	DASERV	SHOTT						
					-	30		22		15	_	14		_						
	т —		T		1	1 120	1300	102		-		-							T -	T
MESSENGE TIME HB 1/10	CAST HO.	TYPE	08PTH (#	-1 1	7	s *4.	. SIG	7-AM	ANGMALT-	UMI III'	₹ A 0	VELO		02 ml/l	POg=P yg = e1/I	10TAL-9 26 - 01/1	NO2=N ug - al/1	NO3-N NR - 01/I	\$1 O±=\$ yq - a1/	
							1						- 1							
		510	0000	2	160	3660	25		002430	1	0000	152		495						
0.08	ı	QBS	0000	2	160	3660						152		495						
008	3	0 B S	0009	2	160	36585	5 25	55				152	84	504						
		STD	0010	2	160	3658	25	55	002444	48	0024	152	84	503						
		STO	0020		156	3658	25		002440		0048	152		498						
		STD	0030		153	3658	25		002438	39	0073	152		494						
008	}	085	0048		149	3657						152		490						
		STO	0050		149	3657	25		002441	11	0155	152		490						
006	!	OBS	0072		148	3656						152		490						
		STD	0075		146	3656	25		00245	34	0183			490						
008	}	OBS	0097		132	36534						152		490						
		STD	0100		130	3653	25		002438		0444	152		490						
		STD	0125		112	3654	25	65	002398	37	0304	152	90	488						
008	}	OBS	0145			3653								486						
		STD	0150		088	3656	25		002328	31	0363			481						
008	3	OBS	T0193		033	3668						152		454						
		510	0200		015	3668	26		002074		0473			457						
		STO	0250		908	3660	26		001875	> 8	0572	152		474						
008	3	OBS	0288		850	3655						152		479						
		STD	0300		844	3655	26		00177	14	0664	152		477						
006	3	OBS	T0384		796	3647			0017:	14	0830	152		465						
		STO	0400		792	3647	26		00173		0839			465						
		STO	0500		729	3638	26		001689	7 I	1011	152		453						
008	3	OBS	0575		637	3623			0015/		1172	152								
		510	0600		584	3614	26		00156		1173			417						
		510	0703		371	3578	26		001389	4 2	1321	151		365						
006	3	OBS	10772		216	35551			00110	9.0	1450	151 150		347 351						
		510	0800		144	3547	27		00118											
	_	STO	0900		917	3522	27		00098	30	1559			365						
008	3	OBS	0959		805	3511			00080	3.0	1666	149		374						
		510	1000	-	739	3509	27		00080		1648			404						
		ST0	1100		606	3504	27		00065	<i>()</i>	1721	149		466						
008	3	OBS	71148		555	3502			00058	0.7	1783			516						
		510	1200		533	3501 3498	27 27		00056		1840			553						
		STD	1300		492	3498	27		00052		1895			577						
		STD	1400		451				000002	2 1	1045	149		563						
008	3	OBS	1438	s 0	435	3496	8 27	14				149	121	283						

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	1 T																		_				
Ctay ID.	CODE	LATITUDE	LONGITI		8 8	DUARE	STA	TION 1	IME	YEAR	CRUISE	STAT	_	\dashv	DEPTH FD	MAX. DIFTH	D#	WAVE SERVATIONS	WEA				NODC STATION
CODE NO.	-	1/10		1/16	10	1.	MD	DAY	1,1/10		ND.	NUA	ABER		BOTTOM	OF S'MPL'S	DIII.	HGT PED SE			1		NUMBER
318006	lev I	2831 N	07643) w [0.8			31	243	1967	A71 0	45			3589		29	2 2	× 1	8 5			0045
						_	TER	Ι_,	CNIN	BAR		ZMP.	\mathcal{T}	V15	ND.	5980		1 1 1	,	, , ,			00 15
						COLDS		DIR.	SPEED	M ETE			/ET UL®	CODE	OBS. DEFTHS	DESERV	TIDNS						
							+	30	508	221	_	-		7									
	MISSENCE				-		+	130	1300	166	0 506	1 1	50	÷	18			Ļ,		-			
	MESSENGE TIME HE 1/10	HD. TY	PE DI	EPTH Im		rτ	s	٠	SIGA	A-T	SPECIFIC VO	sie?	DYN	∆ D 10³	VELO	CITY	0 2 m1/1	PO a = P + 0 1 / 1	fQTA1=P ug - 81/F	NO2=N vg - ol	ND3-N ug - pt/l	51 Da=1	
							1			J						}							
	046	08		000		2359	366		249		00297	44	00	00	153		472						
	046			010		2359 2360	-	99	249		00707				153		472						
	046	08:		010		2360	366		240		00297	5 /	00	29	153		485						
		S	-	020		2359	366		250		00297	. 7	00	- 0	153		485						
		5		030		2358	366		250		00298		00		153 153		482						
		S.		050		2357	360		250		002989		01		153		480 477						
	046	OB:		051		2357	365		250		00230		01	4 7	153		477						
		51	D 0	075		2357	366		250		00299	7.2	02	23	153		477						
		5.1	D 0	100		2356	366	0	250		00300		02		153		478						
	046	OBS	0	102		2356	366	0.2	250	0					153		478						
		S1		125		2341	366		250	9	002930	0.0	0.3	73	153		460						
		S1		150		2325	367		251		00285	7.3	04	45	153	50	455						
	046	089		152		2324	367		251						153	5 ü	454						
		51		200		2149	367		257		002344	8	05	75	153		440						
	046	089		203		139	367		257						153		440						
		S1		250 300		1990	366		260		002020		061		152		450						
	046	089		305		878	366		263		001813	19	07	ВÇ	152		457						
	046	ST		400		1869	366		263		00171		0131		152		458						
	046	085		401		1792	365		264		001710	12	099	56	152		460						
		51		500		661	362		266		001614		11:		152 152		460						
		ST		600		496	359		267		001472		12		151		418 383						
	046	085		609		479	359		267		001412	. 0	1 4	1 /	151								
		5.1		700		279	356		269		001306	5	14	1.6	151		360 358						
		ST		800		058	353		271		001112		153		150		333						
	046	085		810		036	353		271		001112		1		150		331						
		ST	0 0	900		793	351	7	274		000811	2	163	3 3	149		10						
		ST		000	0	601	350	6	276		000619		170		149		• R O						
	046	OBS		15	C	1579	350	4 🤉	276	4					149		89						
		ST		100		520	350		277	0	000535	3	176	5.2	149	00 !	28						
		ST		200		465	35 û		277		000482	4]6]	13	148	94 !	664						
	046	085		211		400	350		277						148		67						
		ST		300		432	350		277		000459		186		148		9.7						
	054	\$1		+ 0.0		409	350		278		000448	1	190	h	149.		99						
	0.54	OBS		479		398	349		278						149		01						
	046	ST 085		000		396	349		278		000445	7	195	6 G	149		00						
	040	5.7		750		372	349		278		000444	€.	20.	,	149		00						
	054	085		973		351	349		278		000444)	206	1	149		97						
	0 - 4	ST		100		349	349		278		000444	a	217	1 2	1498		97						
	054	OBS		+76		313	349		278		000-44	U	2 4 1		1504		000						
		ST		0.0		311	349		278		000445	3	239	15	1504		0.0						
	054	085		79		278	349		278		000				151		08						
		ST	D 30	000		277	349		278		000434	6	201	5	1512		08						
		085																					

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE	T T		1		E MAI	LSDEN	STAT	ION T	ME		Τ	DRIGIN	ATOR		To	EPTH	MAX.		WA	v ŧ	WEA	. CLO	uo l			NODC
C181 IO.	CODE	LATITUDE	ro	NGITUOE	5 🗜 📗	JARE		IGMTI		TEAB	CHUISE		STATIO		1	10 110M	DEPTH			TIONS	THES				5	TATION
CODE NO.	1	1/10	-	1/10	10*	1.	MO 1	DAY H	R_1/10		NO.	-	NUMB	*	+	1101	S'MPL'S	D at	HGT	aft. 25		719	A MT			OWNER
318006	lev l	2832 N	107	715 wl	080					967	A71	04			10	161		30	1	2	x1	3	3			0046
						WA	·	٧	/IND	BAR	J	AIR TE	_	- vi		NO.	SPEC	IAL								
						COLOR	TEAHS.	DIR	1911D 01	tmbs		DRY	WE'			DBS. EPTHS	OBSERV	A TION S								
						-	+	32	506	24	_	06	15	7 7	١,	11			1							
				T				125	300	24	0 1 2	0.0	1-7	-1	-1-7		_		4			1	Т			т—
	MESSENGE TIME HR 1/10	M NO. 1	TPE	DIFTH Im	1	7 1	5	٠/٠.	SIGA	NA-1		AALY-II		₹ Δ 0 t N. x 10	м.	ALFO ZON		0 2 ml/		0 4 - 8	101AL-1			HO3-H vg - ol/l	\$1 O4=\$1	рн
		S	TD	0000	2	364	366	54	250		002	957	2	000	0	153	34	479								
	096			0000		364	366		250							153		479								
			TD	0010		365	366		250		002	965	7	002	9	153		494								
	096			0010	_	365	366		250							153		494								
		-	Τ0	0020		365	366		250			970		005		153		488								
			TD	0030		365	366		250			974		008		153		484								
			ΤD	0050		366	366		250		0.05	983	7)141	ь	153		477								
	096			0050		366	366		250			000			-	153		477								
			TD	0075		363	366		250			985		22		153		476								
			TD	0100		361	366		250		002	987	4	56	1	153		475								
	096			0100		361	366		250				,			153		475								
			TD	0125		272	361		253 256			664 394) 36 () 4 3 '		153		452								
	096			0150		179	368		256		002	344	1)~ 5	1	153		440								
	0.40			0200		002	367		260		007	010	,	154	,	152		449								
	001		Τ0	10201		999	367		260		002	010	46	J) 4 .	1	152		449								
	0.46		TD.	0250		902	366		262		001	641)638		152		454								
			TD	0300		827	365		264			729		72		152		456								
	096			0301		626	365		264		001			,		152		456								
	0,0		TO	0400		750	364		265		001	660	Q	089	7	152		454								
	096			10402		748	364		265		001	000		, ,		152		454								
	0 / 0		TO	0500		602	361		266		001	553	а	05	7	152		411								
		-	TD	0600		425	358		268			405		140		151		376								
	096			0605		415	358		268					- 0		151		374								
	0 70		TD	0700		207	355		270		001	244	7	1331	н	150		352								
		_	TD	0800		980	352		272			038		145		150		330								
	096			10808		961	352		272							150		328								
	5 / 0		TO	0900		744	350		274		000	793	8	154	4	149		397								
			TD	1000		501	350		277			514		160		148		535								
	096			T1012		471	350		277		- 00		-			148		556								

REFERENCE					Le	MAR	DEN	STAT	ION T	IME		1	DILGIN	ATOR	115	Т	DEFTH	MAX.		WAVE	W CA-	CLOUD		- T	HOOC	i
CTRY ID.	CODE	LATITU		LONGITUDE		sou			GMT		TEAB	CRUISE		57 A TH		٦.	01 MO110#	DEFTH	l .	ERVA TIONS	CODE	CODES			STATION	
CODE NO.			1/10	. 1/	10	10*	1.	MO D	DAY H	IL1/10		NO.	<u>'</u>	MUM		-+		S'MPL"	1	HGT PER SE		TTPL AM	-			
318006	lev l	2828	N.	07749	انم	080					967	A71				Ц	1006		32	1 2	X1	812			0047	
							WA	_	-	THEO	84.0	>- ├─	AIR TE	,	_	VIS	NO. 095.	SPE	CIAL							
							COLDR	TRANS.	DIRL	POPE	M 2 T		ULB	W!		004	DEPTHS	OBSERV	ATIONS							
									30	502	25	/ 3	06	1 0	0	,	11									
						_		 	30	1302	25	<u>, -</u>	_	`	_	-	т-							_	1	
	METSENGE	CAST NO.	CAL		i (m)	, ,	℃	5	٠/	SIGN	A -1	SMCHK	ALT-E		OTN.		VELO	CITY	D 2 m1/1	PO4-P	101AL-P	NO3-N	NO3-N 98 - 81/1	SI Da-		000
	HR 3/10	1	_			-		↓ —		-		-		-+	- 8 1		+	-		-		-	,,	-	-	-17
										1				.			1			1					1	
			5				344	366		250		002	928	1	000	00		329	483							
	128	3	08				344	366		250								329 331	483							
			5				346	366		250 250		002	931	0	00	29		331	499							
	128	3	OB:	-			346	366		250		002	034	2	009			332	494							
				TD 00			342 336	365		250		002			001			332	489							
				TD 00 TD 00			317	369		251		002			014			330	482							
	126		08				317	369		251		002	00)	-	0-	• 0		330	482							
	120	,		1D 00			280	369		252		002	792	6	02	17		325	479							
				10 01			232	369		253		002			021			317	472							
	128		08				232		588	25						-		317	472							
	12.	,		TD 01			171	36		256		002	437	6	034	49	15	307	453							
				10 01			102	36	75	258	3 4	002	228	9	040	7 (15	294	443							
	126	9	08	5 01	50	2	102	36	747	258	3.4							294	443							
			5	10 02	00	1	937	366	55	262	2.1	001	892	1	05	10		256	447							
	128	3	08	5 702	01	1	934	366	553	262	2.1						15	256	447							
			S	10 02	50	1	861	365	58	263	3.5		774		060			242	450							
			5	10 03	00	1	805	365	53	264	· 5	001	698	2	068	80		234	452							
	128	9	0 B	5 03	00	1	805	365	526	264								234	452							
				TD 04			749	364		269		001	659	9	089	56		233	452							
	128	3	08	5 104	01	1	748		439	26								233	452							
				TD 05			616	36		266			573		10			206	413							
				10 06			448	359		268		001	435	6	114	54		167	380							
	121	3	ОВ				444		995	268		001	210	2	130	2.6		166	357							
				TD 07			259	355		269		001			14			143	334							
				TD 08			011	35.	29 2 7 0	271		001	0 / 0)	1 .4	20		037	332							
	126	5	08				991 702	35		279		000	726	C C	15	16		941	439							
	126		0B	10 09 5 09			438		996	27		000	: 20	7		. 0		845	579							
	121	9	00	5 07	13	0	7 30	,4	- 70	21							- 4		-,,							

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

REFERENCE			\neg		-1	SDEN		ION T	T	_	Т	- 0	tiGIN A	1014	_		MAX	1				T	1		
Cter ID.	SHIP CODE	LATITU	DE	LONGITUDE	Sol 300	JARE		GMI		TEAR	-	PUISE		ATION	\neg	DEPTH	DEPTH	085	ERVAT		THER				HODC 14 HON
COOR NO.	COOK	•	1/10	1/10	10"	1 6	MD TO	TA	HR.1/10			NO.		IMBER		BOTTOM	S'MPL'	DIR.	NG# P	IR SI	CODE	ITPL AN	1		UMBER
318006	Ev	2834	N	07829 W	080	88	01 3	1	157	196	, T	A 71	048			0933		00	o x		x 1	8 3			0048
						WAT	ER.	,	WIND	14	10.	AII	RTEM	P. °C	Τ.	NO.	·								
						CDLOS	TRANS	DIR	SPEED	ME	TEB	DR		WET	C00	OBS.	DRZERY	A TIONS							
						CDDE	1001	-	10004	+	bał	\$0,	-	BULB	\perp										
								27	\$03	21	31	23	9	161	7	12									
	MESSENGI		CAR			*	١.	٠,,	110	44-T		PECIFIC V			A D		JND	D2 ml/l	10	4-P	1014L-F	NO2-N	NO3-N	SI D 4 - SI	
	HR 1/10		Tips		" `	-	1		1107			ANOMAL	17-810		x 103	. AETO	CHI	07 40171	ив -	e1/I	28 × 81/1		υg - ο1/I		
											+			\top		_	\rightarrow		1			1			
			ST	ວ່ ວວວວ	' 2	251	365	- 3	25	26	٠,	0027	221	٠,	000	15	305	483	,	,		'	1		1
	159	7	OBS			251	365		25					-			305	483							
			5 T	D 0010		245	365		25		(0027	097	0	027		3 0 5	502							
	159	9	OBS	0010	2	245	365	35	252	2.7						15	305	502							
			ST	0020	2	245	365	4	25	28	(0027	127	0	054	15	307	496							
			5.1	D 0030	2	245	365	4	252	2.6		0027	157	0	081	15	308	491							
			5.1	0 0050	2	244	365	4	25	2.8	(0027	209	0	135	15	311	488							
	159	9	OBS	0050	2	244	365	37	252	28						153	311	488							
			5 T	0 0075	2	243	365	4	252	2.8	(0027.	279	0	203	153	315	494							
	159	•	085	0075	2	243	365	38	252	28						153	315	494							
			ST			231	365		253		(0026	714	0	271	153		464							
	159	7	085	0101		230	365		253							153		463							
			5 T			151	366	8	256		(0023	975	0	334	153		440							
			51			074	367		258		(0021	759	0	391	152		427							
	159	9	085	0151		071	367		259							152		427							
			ST			940	366		261		- (0019	075	0	494	152		440							
	159	}	085	T0202		935	366		262							152		441							
			ST			857	365		26			0017		_	585	152		455							
			51		-	795	365		264		(0016	770	0	671	152		461							
	159	7	OBS	0301		794	365		264				0.0.0		00-	152		461							
	1.5.0		ST			730	364	-	265		(0016	390	0	837	152		448							
	159	,	OBS	T0401		729	364		265			0016	0.0	_	005	152		448							
			51 51			565	361		267			00150			995		-	452							
	166					373	357		268		-	0013	609	1	138	151		457							
	155	•	OBS	0603		367	357		268			0017	2 (1	,	2 - 2	151		457							
			51			160	352		269			0013		-	273		379	398							
	155		51			909	350		271		(0010	0/3	1	394	150		337							
	159		OBS	0803		901	350		271								000	335							
	159	,	085	0899	0	622	350	26	275	9						140	108	452							

REFERENCE	SNIP		T		100	MARS	DEN	SFATION				DRIGIN	ATOR"	-	T	DEPTH	MAI OLPIH	T	WAY			W(A	Crono			HDDC
ODE ND.	CDDE	LATITU		LONGITUDE	38	200		IGMT		TEAR	CRUIS		TATIO		٦.,	011011	OF		SERVA		- 1	CODE	CODES	1		1A1IDN
ODF ND.	+	├	1/10	1/10	1	10"	1"	MD DAY	HIL 1/10		NO	-	NUMBE	*	+-	-	S'MPL'S	DIA	HGT	768 5	1 A 3		IIPI A W	1	-	
318006	EV	2835	N	07900 W		080	89	01 31	197	1967	A71	04	9		0	841		0.0	0	x		× 1	2 2	1		0049
							WA	TER	WIND	BAIL	o	AIR TE	WP T	v,		ND.	SPEC	141								
							CODE	TEAMS DIR	00 1000	100		DRY	M E1	CO.	o et	OBS. DEPTHS	DBSERV									
								00	500	26	4 2	39	14	4 8	Ι	11										
	MESSING TIME HR 1/1		C AI		im I	1	τ	\$ */	510	- A A - T		C VOLU		£ ∆ D1N. ± 10	w	VELDO		01 11/		- 91/I		A 5 P - 41/1	ND2=N µg = 81/1	NO3=N vs - et/l	\$1 0 a - 5 #9 - 01'	914
															_				Ì							
			5				265	3653		22	002	761	1	000	0	153		502								
	19	9	08				265	36534		22	- 0 -	. 7. 7.	2		_	153		502								
			5				248	3653		26	002	724	2	002	f	153		520								
	19	q	OB:				248	36526		26			2			153 153		520								
			5				246	3652		26		722		005. 008		153		508								
			5				244	3652		27		723		00 B 01 3		153		495								
			S.				241	3652		27	002	726	2	013	ь											
	19	9	08				241	36519		27	00		0	٥. ٦	,	153 153		495								
			S				240	3651		27	002	736	4	040	4			508								
	19	9	OBS				240	36514		27	00-	763		0.2.7	,	153 153		508								
	1.0		5				240	3652 36519		28	002	743		027	3	153		483								
	19	9	089				240	3669		528 549	00	547	7	033	0	153		455								
			5.				152	3677		71		347		040		153		438								
	19		08				152	36766		71	002	341	4	0-0	0	153		438								
	14	9	5				152 161	3667		515	001	943	,	050	7	152		438								
	19		08				761 758	36666		16	001	743	,	0 - 0	-	152		438								
	14	9	5				977 877	3658		30	001	819	,	060	,	152		443								
			5 S				794	3652		47		677		068		152		454								
	19		OB:				794	36519		47	001	0 / /		000	7	152		454								
	14	7	S				, 74	3651	20	, 4 /						4 12		492								
	19		0 B :					36511										492								
	19		08:			1	272	35644	26	97						151		348								
	17	7	S				331	3534		718						150		359								
	19	Q	0B:				765	35095		742						149		370								
	1 7	7	J .	016	′			,,,,,	-							. 47										

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

STATE 10.	CODE	LATITU	DE LO	NGITUOE NGITUOE	MARSDEN SOUARE	STATION THE	YEAR	ORIGINATO	ION	OEPTH OEPTH TO OF BOTTOM S'MPL	H OBSI	WAVE ERVATIONS HGT PER SE	WEA- THER COOE	CLOUD COOES		51	DOC ATION REEN	
318006	Ev	2832	5 N O	7918 W	080 89	01 31 2	17 1967	A71 050		0823	00	0 X	× 1	3 5			0050	
1316006		2032	J/1 0 /		WAT		INO IAI	AIR TEAR	7	NO .		- ' '	,			,		
					COLOR	TRANS OIR.	SPEED MET OF Emb	ER DRY Y	VET COD		VATIONS							
						00	500 25	7 206 1	39 7	10	1							
	MESSINGS SIME HR 1/10	OF NO.	CARD	DEPTH (m)	1.0	s */	SIGMA-T	SPECIFIC VOLUME	≨ △ D 0YN. W x 103		03 m1/1	PO4=P yg = 81/1	101AL=F	NO3=N ug - 01/1	NO3-N ve - nt/l	\$1 O a \$1 ug - at/1	рн	ć
																	- 1	ı
			STD	0000	2436	3637	2459	0033594	0000		472							
	219	,	085	0000	2436	36367	2459			15348	472							
	219	7	085	0009	2426	36356	2461			15347	477							
			510	0010	2425	3636	2461	0033417	0033		477							
			STD	0020	2420	3635	2462	0033339	0066		475							
			STD	0030	2416	3635	2463	0033279	0100	15348	473							
	219	9	085	0041	2413						472							
			STD	0050	2412	3635	2465	0033251	0166		472							
	219	9	085	0061	2410	36346	2465			15352	471							
			510	0075	2407	3635	2466	0033224	0249		469							
	219	9	085	0082	2406	36347	2466			15355	468							
			STD	0100	2361	3643	2486	0031424	0330		468							
			STD	0125	2298	3653	2512	0029004	0406		461							
	219	9	085	0125	2298	36535	2512			15337	461							
			SID	0150	2211	3663	2545	0025991	0474	15321	443							
	219	9	085	0169		36685					433							
			STD	0200	2061	3667	2589	0021971	0594		429							
			STD	0250	1944	3663	2617	0019438	0698		421							
	219	9	OBS	0259	1926	36624	2621			15263	420							
			STD	0300	1877	3659	2631	0018247	0792		414							
	219	9	OBS	0350	1808	36526	2644			15243	449							
	219	9	085	0707	1048	35265	2709			15041								

CINT ID.	SHIP	LATITU	DE 1/10	LONG	1710	200	0°			IDN I		YEAR		DRIG RUISE NO	STAT	ON	-	DEPTH TO BOTTOM	MAX. DEFTN OF S'MPL'		SERV	A TION	 THEE COOE	CLOUD			NODE STATIO NUMB	N
- +	1						\neg			\neg		10/7	.1.	71 0	51		1	0786	1	00	10	1,	X 1	3 5	1		005	. 1
318006	I EV I	2832	5N	019	35 W	10	80]	89 WA			237 WIND	1967	_		TEMP	r 1	-1		<u>'</u>		١	1^1	1 ^ 1	1 212	1	1	00.	- 1
							- 1	_	TRANT	+	57610	MET		DRY	_	_	VIS	NO. OBS.		CIAL								
								CODE	Im)	DIR	1010			BULS		ice		DEPTHS	0.11.	- 11014								
									1-	27	1504	25	4	200	1	50	8	10										
	MESSENGE TIME HR 1/10	OF NO.	CAL		DEPTH (mi	Ť	t	5	٠/	SIG	MA-T		MCIFIC VO		AYO	۵۵.		UNO	0 ; ml/l		PO 4-P	OTA L=P g - m1/l	NO2=N ug - et/l	NO3-N ug - e1/I	SI O 4		2 00
																											1	
	1		5.1	r D	0000) '	25	16	36	25	24	26	. (00367	66	00	00	15	366	464								
	239	9	085		0000)	25	16	36	248	24	26							366	464								
			5	r D	0010)	25	16	36	25	24	26	- (00368	0.7	00	36		368	472								
	230	7	085	á	0010)	25	16	36	248		26							368	472								
			Si	D	0020)	25	13	36			27		00367		00			369	471								
			51	D	0030)	25	08	36			29	- 0	00365	70	01	10		369	469								
	239	3	089	5	0048	3	24	92		268	24	34							368	461								
			S.	O1	0050)	24	89	36	29	24	37		30358		01			368	457								
			5	TD.	0075	5	24	48		49	24	65	(00333	45	02	69		365	421								
	23	9	085	5	0090	5	24	13	36	530	24	79							361	413								
			5	r D	0100)		80		49		84		00315		03			353	425								
			S.	F D	0125	ō		0.3		27		19	- (00283	10	04	25		310	472								
	23	9	085		014			92		230		47			_				284	477								
			5		0150			75		29		56	(00249	15	04	91		281	463								
	23	7	083	5	019.			41		617		17							256	372								
			5	TD .	0200			23		60		20		00189		06			252	369								
				T D	0250			95		45		41	- (00171	21	06	91		222	348								
	23	Q	08.	5	0288			96		309		55							197	336								
				TΟ	0300			65		25		57	- (00157	12	07	7.3		189	334								
	231	ą	08	5	T038			45		859		7.7							130	320								
				TD .	0401			182		76		83		00134		09			111	318								
				T D	0500			58		29		10	- (00108	92	10	40		011	305								
	23	3	08		T0576			168		055		2.3							950	296								
				T D	0601			18		0.3		29		00090			40		935	304								
				T D	0700			61		92		43	(00076	33	12	23		889	361								
	231	3	08	5	0740)	06	22	34	882	2 7	45						14	880	300								

Table XVI. Observed and interpolated oceanographic data taken by USCGC EVERGREEN, 29 January to 1 February 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8006.—Continued

CTAY CODE	ID. CODE	LATITUDE 1/10	LONGITUDE	2 S	AASDEN DUARE	STATION TO	TEAR		FIDN MBER	DEPTH DEPTO DI DI S'ANP	H Onse	WAVE ERVATIONS	THEN CODE	CODES		ST.	ODC ATION IMBER
316	3006 EV 1	2834 N	07953 4	ıl los	WA		VIND SHIP OF FORCE (m)	O- AIR TEMP			PECIAL EVATIONS	0 x	×1	812		1 0	052
	MESSENG TIME MR 1/10	9 ND. T	ARD DEPTH	(m)	1 8	s ·4.	SIGMA-T	SPECIFIC VOLUME ANOMALT—2187	39 8 5 A D DYN M x 10 ³	SDUND VELOCITY	0.7 m1/1		101AL=P #g • 81/1	ND2~N pg - of/1	ND3-N yq - al/l	\$1.0 a=\$1 uq - 01/1	ρΗ
	01:	8 08		0	2469 2469 2473	3610 36099 36099	2429 2429 2427	0036475	0000	15353 15353 15356	458 458 478						
		9	TD 001	0	2473 2469 2466	3610 3610 3610	2427 2429 2430	0036615 0036556 0036496	0036 0073 0109	15356 15357 15358	477 473 469						
	01:	9	TO 00	50 75	2441 2321	36103 3612 3623 36277	2431 2439 2482	0035695 0031647	0181	15359 15355 15331	465 465 468						
	01:	S	TD 010	5	2243 2219 2109 2086	3629 3632 36324	2508 2516 2549 2556	0028542 0025470	0341	15315 15311 15286 15281	469 469 453 448						
	211	9 08	TD 015	0	1929 1614 1459	3624 36106 3592	2591 2658 2679	0021522	0467	15241 15153 15105	386 318 302						
	018				1138	35425	2705	0013290	0294	14996	295						

TEFERENCE	CODE	DDF LATITUDE LUNGITU			18.5		SDEN		TION T		YEAR	CRU		ATOR'S TATION		DEPTH TO BOTTOM	MAX DEPTH OF S'MPL"		SERV			THE		DDES		5	NODC TATION TUMBER	
31800	6 EV	2836		080			081	80			040	1967	Δ	1 05	3		0037	1	00		х	,,,	× 1	-	+	1		0053
								+ A		T,	WIND	BAR	o. [AIR TEA	AP TC	VIS	NO.		HAL	1								
								CODE	TEAN (m)	DIP	01 01 0101	MET	ER	DAY BULS	W ET BULB	C 00	DBS DEFTHS	DESERV										
										00	500	25	4	206	139	8	0.3											
	MESSENCE TIME NR 1/1	º ND	C.A.		DEPTH	+ (m.)	1	۳	,	· 4.	SIG	M A −T	254 206		. 0	∆ D		NO CITY	Q7 ml/		0 01		01AL-		2=N	ND3=N vg - at 1		ρН
	-																					Т						
			S	TO	000	0.0	2	196	36	26	25	21	0.0	27684	. 0	000	15	286	483									
	04	1	QB:	S	000	00	2	196	36	265	2.5	21					15	288	483									
			S	TD	00	10	2	190	36	26	25	2.2	0.0	27586	0	027	15.	288	477									
	04	1	08	S	0.0	10	2	190	36	262	2.5	22					15	288	477									
			S	T O	00	20	2	182	36	26	2.5	24	0.0	27434	. 0	055	15.	288	478									
	0.4	1	08	S	00	25	2	178	36	259	25	25					15.	287	478									

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.

IO. COOP	LATITU	Of L	ONGITUDE	MAR SQU		STAT	ON TI		YEAR	CRUI	SE :	CHOTATE		i .	EPTH TO	OFFIN	OBS	WAVE EEVATIONS	WEA- THER	CODES	,		NOOC
10.		1/18	1/18	10*	\mathbf{r}	MO C	AY H	1/10		HO). I	HUMBE	1	•	HOH	S'MPL'S	Dil.	HGT PER SE	COOF	TYPL AM	7		NUMBE
87 AI	2835	N O	7015 W	080	80	06 2	ьlı	35 1	967	A 7.	2 00	1		53	94	l i	00	o lo l	X1	8 2			001
. ,					WA	180	W	UN O	BARO	Ì	AR TE	MP. T		T	NO.	SPEC				-			
					COUL	TRANL m)	04.	SPEED OR FORCE	MTTE	9	OLL	W ET	COO		DRS. PTHS	OSTESA	TONS						
							15	507	163	,	278	239	7	1	4								
MESSEN TIME HR 1/1	W NO.	CARO	OTPTN (m)	,	τ	s	٠4.	NOM	A-1		INC VOLL	MF I	E △ 0	4.	10U VELO		02 =1/1	PO4~P pg = 61/1	101AL-P	NO2~N	NO3-H 18 - at/i	\$104-	
		5 1 D	0000	2	629	363	7	240	0	00	3923	0 0	000	Т	153	93							
1.3	5	085	0000	` 2	629	363	71	240	0						153	93							
		510	0010	2	564	364	2	241	8	0.0	3756	2 0	038		153	185							
		STO	0020	2	536	364	8	243	7	CO	3573	1 0	075		153	176							
1.3	5	0.85	0026	2	505	365	27	245							153								
		STO	0030	2	470	365		246			3312		109		153								
		5 T D	0050	2	310	367		252	6	00	2737	6 0	170	1	153	130							
1.3	5	0.62	0052			367																	
		SID		2	145	367		256	9	00.	2335	7 0	233		152	92							
1.3	5	0.82	0078			367																	
		SID			021	366		2 € 0		00	2044	2 0	288		152								
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		S10		1	946	366		261			1893		337		152								
		510			846	366		262		ОC	1798	2 0	353		152								
1.3	5	0.85	0155		680	366		263							152								
		S 1 D			974	3 é 6		263		00	1757	7 (472		152								
1 3		UHS	10209		87L	366		263							152								
1.3	c	0.85	10413		733	364		265							152								
		SID			659	363		266							152								
1.3	5	DPS	0517		635	362		266							152								
		SID			416	359		268							151								
1.3	5	085	10618		428	358		268							151								
		STD			215	355		270							151								
		STO			994	353		272							150								
1 3	4	085	0830		936	352		272							150								
		SID			818	351		274							149								
1.3		510			681	350		275							149								
1.3	>	082	11045		631	350		275							149								
		SID			595	350		276							149								
		510			537	350		277							143								
		510			440	350		277							149								
1.3	כו	0.85	1316		483	350		277							149								
		510			452	350		277							149								
		212			425	350		279							149								
1.3	17	0.85	f1598	C	4 C H	350	. 6	279	U						141	131							

INCE	SHIP	LATTUOI	T.,	GITUO!	MARS			ION TIA		EAR		OBGINA		_	DEP		MAZ		OR SER	AVE VATIC	M S	WEA-	CLOUG		Π,	NODE	
IO.	C008	1/18		1/18	101	13.	#0 I			`~ }	CRUISE NO.		ATION		юп		2.Wbf.			i ni		CODE	TYPE AM	7	;	UMEER	
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	TMJ HB 1/10	9 NO. 1	196	DEPTH (m)	,	t	\$	٠/	SIGMA	1-7		ALT-EIS	7 1	I 103	٠ ٠	VELO		034	N/	,,,,,		#g + 61/1	## - at/1	#g - m1/1	#g = 81/	pH	ć
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	183	a 'oe	3.5	0000	21	553	362	63	2384	•					, I	53	97										
		S	10	0010	2	566	363	88	2420	0	003	7316	0	039	1	153	81										
		S	1 D	0020	2	485	364	9	2454	+	003	4167	C	074	1	53	65										
	183	3 09	3.5	0024	2	454	365	3.6	2466	5					1	53	59										
		S	10	0030	2	420	366	3	2483			1391		107		53											
		S	10	0050	2	315	368	1	2528	В	002	7213	0	166	1	53	32										
	18	3 06	3.5	0050			3 € €	107																			
		5	10	0075	2	199	367	9.5	255	9	002	4385		230	1	53	07										
	183	3 O.F	15	10.75			367	176																			
	18	3 06	3.5	1)099			3 € 7	7 C &																			
		5	TO)100	2	102	367	71	2581	l	0.05	2389		289		52											
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	1.83	3 06	3.5	0149	1.	964	366	9.8	261	7					1	. 52	56										
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		S	10	0200	1	894	365	59	262	7	001	8322		485		152											
	183	3 DE	3.5	10200	1	894	365	91	262							152											
		5	10	0250	1	854	365	9	2636	5	001	7584	. (1575		52											
		5	10	0300	1	616	365	6	2644	4	001	7014	(661		152											
	183	3 05	3.5	0393	1	756	364	93	2654	4						52											
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	18	3 06	3.5	0486	1	7 C 7	363	90	2651							152											
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			0.16	0600		551	360		2672			5219		148		152											
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	10			0763		328	357		2692							151											
			510	0800		252	356		269			2857		432		151											
			0.1	0900		055	353		271		001	1128	1	551		150											
	18			10942		976		292	272							150											
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			0.16	1100		681	351		275		000	7140) 1	132		149											
	18		8.5	1173		588		162	276					_		149											
			STD	1200		574	350		276			16 OH 9		799		149											
			510	1300		524	350		277			1555e		857		149											
			STO	1400		474	350		277		000	15037	1	910		149											
	18	3 00	B 5	T1402	C	473	350	042	277	6					1	149	32										

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

EREN		SHIP						M.	RSDEN	T	TAI	ION 1	IME	T		L	DINGI	NATO	er's	J	DEFTH	MAE	Γ-	WA			WEA-		aua	· · · ·		*00C
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	- 1		1	085		000	-		2710		362			367		ψt	4234	1	00	ŲŪ	154			ŀ		ı		ı	- 1			ì
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				51	0	015	0		255	l	366	! C	2	546	,		2549		01		153											
				OPS		005	0		251	l	368	0.2	2	546							153	16										
				5.1		007	5		146	3	367	7	2	572	?	00	2309	6	02	19	152	94										
				51		010			2061	ι	367	3	2	594		00	2115	3	02	74	152	75										
				ST		012			. ₹9(367	C		61 (00	1965	3	03	25	152	59										
				085		014			33.		366	75		622							152	48										
				ST		015			536		366			623			1856		03	73	152											
				ST		020			87		366			635		00	1754	9	04	63	152											
				DAS		1050			872		366			635			_				152											
				5 1		025			839		365			542		00	1707	3	05	50	152											
				085		029			801		365			647				_			152											
				085	_	030			000		365			647		OC	1671	O	06	34	152	33										
				51		040			1736 1736		362 364			636 654		0.0	1461		0.0	0.0	167	20										
				085		049			670		363			662		U	1641	,	0.8	UU	152											
				ST		050			655		362			663		00	1582	,	09	4.1	152											
				065		1058			489		359			671		Ų (1,002		0 7	o t	151											
				5 T		060			464		359			680		00	1439		11	1 2	151											
				085		068			295		356			695		Ju		•			151											
				ST		070			254		356			599		0.0	1260	5	12	47	151											
				085		077			077		354			715		00		-		•	150											
				ST		080			031		353			720		0.0	1058	5	1.3	63	150											
				5 T		090	_		836		351			737			0880		14		149											
				085		097			717		350			747							149	-										
				085		T146	4		1449		350			778							149											

SPERENCE	SHIP					FE	MARS		STAT	TON 1	TME			BGINA	TOES		ОСРТИ	MAL		WAVE	WE				HOT	OC.
IT ID.	CDDE	LA THU		LONG	TUDE		sou.			IGMT	- 1	TEAR	CIVISE		ATION		NOTION	DF	,	EEVA TIONS	- 000	• 1	. 1		STAT	
-			1/19		7/10	-	16.	1.			HR.1/10		NO.	-	UMBER	\rightarrow	_	S'MPL"	_	HGT PER S	**	ITTE IA				_
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r		1	_	-		-	,		-	1	1300	1.7	_	_	-	ļ.				T		T	1	1	_	_
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			5	T O	200)	2 9	552	36	3 7	242	3	003	7 05 8	0	078	153	79								
	041		06	S	002	2	2 !	539	36	369	242	8.					153	76								
			5	τo	093	0	24	95	36	51	245	2	0034	4390	(114	153	69								
	041		0.8	S	004	6			36	735																
			5	T O	005	۵	2	390	3 €	73	250	0.0	002	9847	0	178	153	50								
			S	T O	007	5	2.	272	36	73	25	3.4	0026	6702	0.	249	153	25								
			5	T P	010	0	2	167	3 e	71	256	3	0.024	4062	0	312	153	132								
			5	T O	012	5	20	77	36	7 C	258	3.7	002	1910	Û	369	152	82								
	041		n B	5	013	7	21	338	36	284	260	16					152	74								
			5	TO	015	Ũ	1 9	999	361	57	26) 5	002	0199	6	422	152	65								
	041		0.8	5	1018	1	11	924	36	537	260	3					152	49								
			5	10	020	0	1 '	904	36	r 3	262	7	001	8325	- 1	518	152	47								
			S	TO	025	0	1.5	358	36	53	263	3.7	001	7577	(L)	508	152	41								
	041		OR	S	026	4	1:	946	36	586	26	9					152	40								
			5	IΩ	630	0	1	21	Зŧ	57	2 + 4	. 4	061	737.	C -	595	152	19								
	041		ΩВ	S	T034	4	1	7 C 2	3.6	535	264	-8					152	37								
			5	TO	040	0	1	759	36	47	265	52	001	+596	0	863	152	36								
	041		ΠR	S	342	7	1	741	36	441	269	54					1.52	35								
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	041		0.8	S	T051	3	1 4	576	3 c	322	266	0					152	28								
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	041		0.8	S	000	d	1	524	3€	051	26	75					151	93								
	041		OB	S	068	7	1	320	3.5	715	26	12					151	57								
			S	T D	57C	Ü	1.	267	3.5	67	260	16	u 01.	2458	- 1	322	151	2.8								
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	041		O.R		T132	2	0	452	35	025	2.7	7 7					1 + 1	9.04								

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

CE SHIP			NGITUDE	MARS	DEN	STATION	TIME			BGINA		\Box	DEFTH	DEPTH	04	WA	VE ATIONS	WEA-	CLOUG			HOOC
0. COOE	LATTI		NGITUDE		1			YEAR	CHUISE ND.	51	MOTA		BOTTOM				MIN SIA	CODE	TIPE IAM	4	1	TATIO
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MESSEN	CAST	CARD	DEFTH (m)	1	t	5 %.	SIG	MA-T	SPECIFIC	VOLUA	,! ž	A. 0	. 50	UND	02 =1		PO4-P	101AL-P	NO3-N 16 - 41/1	HO3-H	\$1 O4-\$1	
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		510	0000		56	3632	23		0041	1623	100	00		408					l	l		ı
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		STO	0020		45	3646 36505	24		003	3231	0.0	114		340								
09	15	0.68	0026		376 331	3654		03	0024	0610	0.1	106		330								
		ST0	0030		33	3667	25		0023			158		284								
0.9	. =	UB\$	0051		124	36676			002.	, 200				282								
04	10	012	0075		154	3667	25		0021	1356	, e:	14		26B								
		SID	0100		992	3665		06	001			266		255								
		510	0125		140	3064		19	001			114		245								
		SŤD	0150		998	3663		29	001			360		237								
0.9	5	085	0153		194	36626	26	30					15	236								
0.9		085	10194		151	36601		39					15	231								
	-	510	0200	18	148	3660	26	39	001	7136	04	448	15	231								
		STO	0250	18	120	3658	26	45	0016	5752	. 0	533	15	231								
0.9	15	0.85	0297	17	793	36576	26	51					15	230								
		510	0300	1.7	791	3657	26	51	0016	5372	. ú	16		230								
0.9	3.5	OBS	10384	17	739	36445	26	55						227								
		510	0400	17	733	3643	26	55	001	6295	0.	779		228								
0.9	95	085	0472		666	36310		62						219								
		510	0500		13	3621		56	061	5465	0	938		206								
0.9	95	0 H S	T0556		500	3600		77						177								
		5 T D	0600		04	3585		85	6C1.	3779	10	J84		152								
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		210	0700		173	3552		06	001	IHS	, 1.	212		097								
0 <	95	OBS	0724		119	3544		11	000		,			071								
	_	510	0800		949	3526		26	000	4886	, 1	321		973								
0 9	15	085	10886		790	35114		40 43	000	0.30		411		967								
		510	0900		770	3511 3509		58 58	000			411 495		934								
		510	1000		548	3507		5E	000			433 546		912								
~ /	3.6	510	1100		546	3507		69	0.00	, 1 D M 1	, 1	.40		912								
Ü,	75	085 510	1103 1200		486	3505		75	0.004	492	, ,	598		903								
		STO	1300		456	3504		78	000			547		908								
0.0	95	UBS	11318		454	3503		78	000			1		910								
0.		1103	1 1 3 1 1	0 -		3303	- '															

FERENCE 10.	3HIP	LATITU	DE	LONGITUOE	5 ×	AARSDEN SQUARE	STAT	ON THE		EAR	CRUISE	INATO		OPTH	DEPTI		WAVE SERVATIONS	WEA-	CLDUD		1 51	HODC	
нo.	COOL	•	1/10	1/10		10, 1,	MD]	DAY HE	1/10		HD.	NUM	šei	SOTTOM	SWEL	5 00E	HOT PER SE	CODI	TTP AM		H	UMBER	
11087	14	2835	N	075295W	0.0	80 85 0	06 2	7 1	33 19	967	A72 0	06		4755		13	1 2	X1	8 2			2017	
			'			WAT			NO.	BARC	AB	TEMP.	v '	HO.	<u> </u>						•		
						COLOR	TRANS	08.	SPEED	METE	DIY		ET COOL	OUS.		CIAL VATIONS							
						CODE	Ť		PORCE	(abe		_	ILB.										
								13	SC7	125	272	24	+2 7	14									
	WHITHGE	CAST	CAR			1 %	Γ.	.,			SPECIFIC VO	LUME	≱ ∆ D	101	OND		104-1	TOTAL-P	HO2-N	NO ₂ -N	\$1 D4=B		1
	RM3 HR 1/10	S NO.	EYPE		-	, ,	١,	٠/	SIGMA	`-'	ANOMALT	-2187	103 II	VELO	оспи	01 ml/	#0 - #1/A	PD - 01/1	ag - et/1	pg - et/1	pg - et/1	pM	å
	77.0	1	5.1	0 0000	, 	2621	363	. 0	2403	,	00388	94	0000	15	392		+					_	Ħ
	133	1	ORS	0000		2621	363		2403		00300	5-	0000		392		1			ſ	'		11
			ST			2528	364		2438		00356	07	0037		373								
			ST			2429	365		2474		00322		0071		352								
	133	3	085			2377	365		2492					15	341								
	• • •		ST			2314	366		2513		00285	84	0101		326								
	133	3	085	004	9	2108	361	11	2579	9				152	278								
			51	0 005)	2105	367	1	2580)	00222	53	0152	157	278								
			5 T	0 0079	5	2026	366	7	2598	9	00206	02	0206	152	260								
			5 T	0 0100)	1960	366	3	2613	3	00192	85	0255	152	246								
			51	0 012	5	1908	366	1	2625	5	00182	74	0302	157	235								
	133	3	085	014	5	1875	365	93	2632	2				15	229								
			ST	0 0150)	1872	365	9	2633	3	00175	88	0347	158	229								
	133	3	085	10199	7	1834	365	77	2641	l				157	226								
			5.1	0 0200)	1834	365	8	2641	l	00169	52	0434	15	226								
			5 T	0 0250)	1808	365	5	2646	5	00167	02	0518	157	227								
	133	3	085			1784	365		264	9					226								
			5 T			1780	365		2650		00164	76	0601		227								
	13~		085			1723	364		2656						223								
			51			1714	364		265		00161	11	0764		222								
	133	3	085			1626	362		2664					152									
			51			1593	361		266		00153	60	0921		199								
	133	3	085			1450	359		2681						164								
			ST			1391	358		268		00135	91	1066		147								
	133	3	085			1242	35¢		2702						106								
			5 T			1153	355		2710		00114	31	1191		080								
	133	3	085			1035	353		2721				1 20 6		045								
			ST			0928	352		2732		00093		1295	150									
			51			0744	351		2749		00076	UO	1379		958								
	133	,	085			0702	351		2752		0004.3	1.6	1440		945 923								
			5 T			0615 0521	350		2762		00062		1448	149									
	133		085			0477	350		2779		000002	,1	1 200		993								
	133	,	51			0467	550	, , a	211:	,				140	, 7 3								
			5 T			0442																	
			51			0416																	
	133		085			0413																	
	13.	,	003	, 174	_	0413																	

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

	SNIP		,			- 5	MARSO	MIC	STAT	ION T	IME			OBGII	NATORS		DEPTH	MAX		WAVE	WFA-	Crond	1		HODC
10.	COOL	₩mu	- 1	LONG		MDC II	SQUA			IGM1)		TEAL	CBU		STATION		TO MOTTON	OF.		EVATIONS	THER	CODES	1	1 5	TATION
NO.	- 1		1/10		17/19	\rightarrow	-		_	$\overline{}$	1/10		N	_	HUMBE			S'MPL'S		HGT PEE SE	^+	TYPE AM	-	\rightarrow	
1087	AL (2833	N	0760	015N	10	1080 J					1 96 7	Α7	_			4755		17	1 2	X 1	8 5	ļ		001
							H	WAT	_	+	SPEEC	BAI			MP. C	- va	MO.	5 PE0							
							,	CODE	TEAMS	DEL.	PORC	7.		DEA	BULB	coo	DEPTHS	OBSESV	A TIONS						
										17	505	14	6	278	244	7	14								
	HESSANGE TIME 0	CAST NO.	CAL		OEPTH &	m.)	r	τ	5	٠/	\$1G	MA-T		PIC YOU	UMIT (E A D	SQL VELC	JHO JHO	02 ml/l	PO4=P #8 - 41/1	TOTAL-P	NO3-H	NO3-N	\$1 O ₄ -\$i	
F			5.1	0	0000		27	43	36	16	23	47	00	4424	4 0	000	154	16						1	1
	169		085		0000			43		157	23						154			' '		'		•	•
	-		ST	0	0010	1	24	51	36	21	24	43	0.0	3517	0 0	039	153	352							
			51	D	0020	1	21	68	36	2.7	25	23	0.0	2753	4 0	071	152	289							
	169		089	5	0029	1	19	77	36	316	25	84					152	235							
			SI	0	0030	1	19	77	36	34	2.5	87	00	2155	5 0	095	152	236							
	169		0.85	,	0043				366	556															
			ST	0	0050	1	19	72	366	6	26	12	0.0	1921	1 0	136	152	241							
			ST	0	0075		19	66	366	6.6	26	15	0.0	1904	9 0	184									
			51	го	0100	1	19	60	366	59	26	17	00	1988	7 0	231	152	247							
			51	O	0125		19	54	36	7 C	26	20	0.0	1871	6 0	278	152	249							
	169		089	5	0127				36	7C6															
			ST	0	0150	1	15	48	366	57	26	19	00	1866	7 0	325	152	251							
	169		089	5 1	0176		19	42	366	44	26	19					152	254							
			ST	g g	0200	1	19	0.8	366	. 2	26	26	0.0	1843	5 0	418	152	248							
			51	0.1	0250	1	18	51	369	59	26	3 6	0.0	1743	9 0	508	152	240							
	169		089		0251		18	50	369	91	26	3.8					152	239							
			5.1	0	0300	1	18	15	36	58	26	46	0.0	1682	4 0	594	152	237							
	169		085	5 1	0327		17	98	369	666	26	49					152	237							
	_		5.1		0400		17	62	364	5		52	0.0	1654	4 0	761									
	169		089	;	0409		17	56	36	48C	26	53					152	237							
	169		085	5 1	0480	1	16	99	363	88	26	60					152	231							
			5.1	0	0500	1	16	76	36.	3 4	26	62	0.0	1595	4 0	923	152	227							
	169		089		0567		15	78	361	155	26						152								
			S 1		0600	1	15	13	360)4		76	0.0	1475	2 1	077	151	189							
	169		085	;	0644		14	25	35	391	26	84					151	167							
			51		0700			73	35		27		00	1249	4 1	213		123							
			ST		0800			35	354		27			1027		327									
	169		085	;	0801				354	11	_			-	-										
			ST		0900		0.8	39	35		27	49	0.0	0775	3 1	417	149	996							
			ST		1000			86	352		27			0614		486		953							
	169		0.65		1000			86			-				•										
	• - /		SI		1100			76	35	15	27	72	0.0	0531	6 1	544	149	924							
	169		089		1197			09		165	27					- • •		713							

REFERENCE CTRY ID.	SHIP	ыти	OE	LONG	STUDE T	5 M	ARSDEN QUARE	\$17	TION 1		TEAR	Ţ	ORIGI	OTAH TAT2		7	DEPTH	MAL	DBS	WAV		WEA-	CLOUD			NO	DC FKON
CODE HO	CODE		1/10		1/10) ii	1 10	MD	DAY	4R_1/10			HO.	NUM	AEA	1	MOTTO	S'MPL"	OR	HGT	E# 364	- Loone	TYPE AM				ABER
311087	Δ1	2834	N	076	35 W	0.8	C 86	06	27	205	1 40 7	Α	72 30) H		4	023		17	0		× 1	0 4			00	19
•							WA	TER	T 1	WIND	T			LMF.	τT	4	NO.	1		1. 1	'	1		1	'		- 1
							COLOR	TRAN	1 OR	3440	MEI		DRY	w		25	O#2"	PRESEC	CIAL								
							CODE	(ھ)	- Oik	POSC	e (m)	141	BULB	81,	LE .		DEPTHS										
							-		1.7	505	1.3	2	311	24	1 7	- 1	14										
	MISSINGS	CAST	CAE	_				Т	· .	Ή		1,,	ECIFIC VOL	0.44	₹ ∆ OYN.	D	T 101	ONI		Τ.,	4-P	101AL-F	NO2-N	NO N	51.04		
	1144 0 HR 1/10	HO.	111		OFFTH W	"	1 5		s ·/	SIG	MA-1	~	HOMALT-	E187	DYN.	ř		CITY	02 m1/1		01/1	PR - 41/1	pg - ot/l	NO3-N 49-11/I			μН
	HR 1719		5.1	0	0000	\rightarrow	2816	3.6	(5	23	1.0	1	C4706	. 7	000		154	. 3 2		+-	-+		-	-	+	+	
	206	,	085		0000	- 1	2819		093	23		10	04100	''	0 3 3	9	1154			1	- 1				1	- 1	
	200		ST		0010		2674		22	23		0	04175	5	004	4	154										
			S t		0020		2560		34	24			0374		004		153										
	206		065		0027		2454		421	24			0314	•	000	•	153										
			S.T		3030		2481		46	24		0	C3448	li.	012	0	153										
			ST		0050		2407		69	24			03067		018		153										
	206		085		0053		2356		716	24					- • -		15										
			ST	D	00.75		2313	3 t	72	25.	22	0	0278	13	025	В	153	335									
			ST	Ð	0100		2224	36	72	25	47	0	02557	2	032	5	153	317									
			ST	0	0125		2147	3 €	73	25	7 C	0	02351	3	038	6	153										
			ST	D	0150		2075	36	73	25	90	0	02170	15	044	3	152	287									
	266		OB3		0155			36	734																		
			5.1	ŋ	0200		1950	3€	€8	26	1.8	C	01919	7	054	5	152	262									
	206		085		10213		1920	36	<i>t t</i> 1	26.	26						152	255									
			ST	0	0250		1876	3 t	63	26.	34	C	C1780	19	063	7	152	247									
			5 T	0	0300		1913	36	57	26		0	C1688	36	072	4	152	237									
	206		OBS		0312		1799	36	551	26	4 FI						152	234									
			5 1		0400				42																		
	20 6		ORS		0415		17640		399	26	450																
			5.1		0500				25																		
	206		O E S		0518		1610		205	26							152										
			SI		0600		141#		€7	26							151										
	206		OPS		10618		1376		808	26							151										
			5.1		0700		1179		53	2.7							150										
	20€		OHS		0722		1128		463	27							150										
	20.		5.1		0000		0954		25	27							150										
	20 t		085		0822		0909		205	27.							150										
			51		0900		0763		14	27							143										
	206		5 T 0 B S		1000		0618 0593		058	27							149										
	200		5.1		1100		0541		05	27							143										
			51		1200		0448		04	27							143										
	200		085		1269		0450		029	27							14										
	200		5.1		1300		0449		C3	27							149										
			51		1400		0425		0.2	27							149										
			ST		1500		0414		01	27							149										
	20.6		ORS		11510		0414		005	27							149										
	2.,0																										

Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

REFERENCE			-	E MAR	SDEH	STATION	TIME		T	ONGIA	ATOR	3	I	CEFTH	MAL	Ι.		VE		/EA-	CLOUG			HOOC	1
CIET ID. COOR	LATITUDE		HGITUOR B	S SON	- 1	IGMT		YEAR	CBU		STATE		٦,	TO MOTTOM	OF			A TIOH	غ لــــ	HES	CODES	ļ		TATION	1
_	1/	$\overline{}$	1/18	10,	+ +	MD DAY	_		+-	$\overline{}$		4.0	+	-	SMES	-	_	PER 1	-	_	TTR AM	1	_		ł
311087 AL	28355N	07	715 W	080				1967	A 7				_!	051		50	_ p	2	۱,	(1	0 5	1	l l	0020	l
					WAT		WIND	- M		AR TE	•	—,	ns.	MO.	5980	CIAL									
					CODE	THAT OR	OBC	1 77.		DEA	W.		PÕ	DEPTHS	OBSERV	A TION	1								
						17	\$06		9	278	23	9 7		13			1								
MESSENG Plans HB 1/10	NO.	CARD	DEPTH Imi	1	τ	\$ %.	sic	MA-1	SPEC AH	IPIC VOLI	(m)1	# ∆ DYN.	٥ س	NETD		D) m		PO4=P	101A		HO2-H P\$ - H/I	HO3=H P8 - BVI	\$1 O ₄ =\$1 pg - gt/1		
	+	STD	0000	2	755	3613	23	41	00	4484	5	000	0	154	18				П	\neg					Т
238		85	0000	' 2	755	36125	23	41	'					154	18 '		٠,		1			•	•	•	
		STD	0010	2	619	3632	23	99	0.0	3937	2	004	2	153	92										
		STD	0020	2	496	3647	24	48	0.0	13468	5	007	9	153											
238		BS	0025		439	36528								153											
		STD	00 30	2	416	3657		0.0	00	3170	9	011	2	153	51										
238	3 0	8.5	0049			36682																			
		SID	0050		327	3668	25			2846		017		153											
		STD	0075	2	228	3668	25			2581		024	0	153											
		STO	0100		141	3669		68		2357		030		152											
		STO	0125		067	3669		89	0.0	15169	1	035	8	152											
236		85	0145		016	36692		03						152											
		STD	0150		006	3669		05	00	12023	6	041	. 1	152											
238		85	10197		921	36652		25			_		_	152											
		STD	0200		916	3665		26		11845		050		152											
		STO	0250		843	3659		40	0.0	1728	3	059	17	152											
2 38		85	0287		800	36542		47			_		_	152											
		STO	0300		796	3654		48	00	11669	0	068	2	152											
238		85	10379		731	36425		55					_	152											
		STD	0400		7 C O	3636		58	00	1602	ī	084	• >	152											
238		88	0473		558	36108								151											
		STO	0500		485	3599		78	00	1423	2	099	6	151											
231		8.8	10572		284	35681		97						151											
		SID	0600		197	3556		05	00	1176	6	112	0	150											
2 31		85	0668		005	35316					-	1 2 2		150											
		STD	0700		917	3523		29	00	0934	2	123	2	149											
23		8\$	0765		776	35111		42		0.700			0	149											
		STD	0800		753	3509		44	00	00789	0	131	d												
2 3		85	10879		650	35066		56						149											
		STD	0900		611	3506		61	00	00619	4	138	14	149											
2 3	8 0	8.8	10917	C	575	35057	27	65						148	393										

REFERENCE	1						e	MARS	DEN	STA	TION 1	IME		_	Г	Q.	IÇIH /	ATO#		T	DEPTH	MA			w	.ve		WEA		CLOUD			HDDC	1
CTEY IO.	CODE	LATTU		LDN			5	squ			(G MT)		172	AB		321		ATIO		٦,	OTTOM	01	1	-	-	A TIOI		COO		COOLS	1	- 13	TATION	ı
-	1		1/10			1/10	7	10*	+		- 1	HR.1/10	_	_	H	-+-	_	UMBI		+		5'MP	13	OR.	+-	PU	HA	+	+,	FFL AMI	1			4
311087	41	2835	5N	077	52	H	- 10	080		_	_		19	57	Α7		010			Р	988			20	þ	2		X1	ł	8 5	ł	- 1	0021	1
									WAT	_	+	WIND		BARC			_	18. 8	→ ∨	12.	ND. OBS.		recu		l									
									CODE	TRAHS	DR.	OB	- 1	METE uday		PUL		BUL		08	DEPTHS	ORSE	BVA	non s										
											18	Sas	- 1	132	7	27	2	24	2 7		09]									
	MESSING TIME THE 1/10	W NO.	CAI		DEF	PTH (m	;	t	τ	s	٠4.	SIG	SMA.	-1	1PT C	DMAL	VOLU4	;,	# A DYH, E 10	D.		PCITY	,) =/		PO4-1		101At-1		O2-N 1 - et/1	NO3-N 99 - 9UI	SI DawS		
			SI	0	0.0	000		2	756	36	5 C	2	165		0.0	142	150	. 1	000	J	154	+23	Т		Т									
	02	7	DE:			000			750		504		169	,				,			154	123	1						•					•
			51	O I	00	010		2	559	36	57	24	0.5		0.0	36	754		004	0	154	04												
			51	()	00	020		2	569	36	£2	24	37		0.0	35	722		107	7	153	386												
			S 1	0.1	0.0	0.6.0		- 2	499	36	€ 7	24	156		O.	1331	055		011	2	153	369												
			51	0	0.0	350		2	353	36	75	2.5	12		0.0	28	711	-	2 L 7	3	153													
	0.2	7	DR:	5	0.0	253		2	3 3 6		75€		18								153													
				D		075			311	36			524			27			024		153													
			S			100			283	36			31			127			031		153													
				D		125			2 = 4	3€			538			126			37		153													
				D		150			556	36			545		CC	125	440) (044	5	153													
	0.2	7	DP:			154			216		696		48								153													
				D		200			964	3 t			27		00	18	323	3	055	5	152													
	0.2	7	0 B			213			775		425		544								152													
				10		250			557	3.6			55			15			004		151													
				I D		300			521	3€			75		0 (14	0.05	1	071	3	151													
	0.2	7	OH.			321			471		565		580							_	151													
				FD.		400			3 ? H	35			591		0.0	112	495	-	U 134	7	150													
	0.2	7	0.8			430			285		659		595								150													
				T D		5 C O			160	35			707		00	111	276	,	096	6	150													
	0.2	7	0.6			540			0 8 3		402		714								150													
				10		6 C C		-	947	35			725		0 (C '>	564	•	107	1	149													
	0.2	7	ÜН			647			857		15€		733				_				149													
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Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

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Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

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Table XVII. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 26–28 June 1967, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1087.—Continued

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				5	(D	0030)	2	376	3 t	0.9	2 4	55		003	404	1	131	1 15	336									
		17	3	083	5	003	,	13	182	36	121	2 :	94						15	207									

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24–26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.

SHIP		1			: 5	MAR	DEN	STAT	IOH T	IME		TL	ORIGIN	_		DEPTH	OEP	AZ.		WA	VE A TIONS		WfA-	CLOUD		T	NOOC
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							COOL	Ini	DIR.	FORCE		bil	- UL	BULR	200	DEPTH	2 0835	E W A	HONS								
									23	500	12	14	263	244	7	14				1							
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1 1001 1	NO I	CARC		DEPTH	m1	1	₹	5	٠/	SIGA	4 - 1		MCIFIC VOLU	,, i	- A	. AE	LOCITY	0	2 ml/		0 4 = P q = 01/1		17≜ L ~ P. g + p1/1	MO2=N #8 - 91/1	NO3=N		
HR 1/10			-		_	+-		-		+		+		-	1 (0)			+		-		+-			pg - 0"	74 - 40	1
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007		OBS		0000			601		297	240					039		386										
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007		ST		002			574	_	389	24		(103114	0 (011		385										
007		065 ST		002			363	36		24		,	003067	, (111		343										
007		085		004			141		784	25		,	,0 ,00 1	1 (287										
007		ST		0050			125	36		25			002227	3 (164		284										
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00 1		ST		007			007	36		26		(02004	2 (217		255										
007		085		008			937		613	26				-	_		238										
		ST		010	0	1	914	36	50	26		(01838	6 (1465		233										
		ST	D	012	5	1	873	36	58	26	31	(001761	6 (310	15	225	,									
007		OBS		013	4	1	862	36	569	26	33					15	223	ı.									
		ST	D	0150	0	1	852	36	56	26	35	(01734	0 (354	15	223	3									
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		ST	D	025	0	1	809	36	53	26	44	(01687	1 (1524	15	227	1									
		ST	D	0300	3	1	787	36	50	26	47	(001673	5 (608		228										
007		085		035			760	-	459	26							229										
		ST		040		-	746	36		26		(001660	7 (775		232										
007		085		044			710		364	26							228										
		ST		050			632	36		260		(001587	в (938		212										
007		085		1052			583		128	266							200										
		ST	_	0600			386	35.		261			001378		086		145										
0.03		ST		0700			133	35		270		(001164	9	213		072										
007		085 ST		071			097 885	35.	394	27		,	000923	,	317		061 995										
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007		ST		1000			615	35		27		,	000643	A 1	471		922										
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007		085	_	1136		-	526		053	27		,				-	909										
		ST		1200			493	35		27		(00502	2	584		906										
		ST		1300			453	35		27			000473		633		906										
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SHIP	umu		LON		ğ.	ARSDEN SQUARE		TION TIA	YEAR	CRI		A TOR'S		OEPTN TO BOTTOM	M A X	015	WAYE EBVATK		WEA- THER COOK	CLOU	15		51.	OOC ATION
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						1		14	507 21	15	257	24	8 7	14										
MESSENGE	CAST	CAR				_ ·					CIFIC VOLU		Σ Δ 0	1 501	JNO		PO.		01AL-P	NO2-1	NO3-	N 510	4-51	
	MO NO	177		DEPTH IM	1	1 5	1 5	٠/	SIG MA -T		404 ALT-11		3 10 ³		CITY	02 ml/l	PR -		-2 - 01 1	#8 - 01/			01/1	ph
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060)	OB:		0024		2543		504	2437			_			379									
		S.		0030		2377		53	2489	0	03086	2 (107		341									
0.60)	08		0049		2013		589	2596			_			252									
			10	0050		2007		59	2597	0	05060	7 (158		250									
060)	08		0072		1904		584	2624			_			225									
			ТО	0075		1899		58	2625	0	01807	2 (207		224									
060)	08		0096		1868		575	2632	_					219									
			TD	0100		1865		57	2633		01740		251		219									
			TO	0125		1850		57	2637	0	01713	0 (294		219									
0.60	3	089		0145		1840		566	2639						219									
			ΤD	0150		1838		57	2639	0	01696	5 (337		219									
060)	OB:		10193		1822		553	2642						221									
			TD	0200		1821		55	2642		01686		1422		222									
			ŦD	0250		1808		50	2642		01708		506		226									
			TD	0300		1787	36	45	2643	0	01711	0 (0592	15	228									
060)	08		10379		1741																		
			T D	0400		1731		35	2649	0	01683	9 (762		226									
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			1D	0500		1623		20	2663	0	01574	6 (1925		209									
060)	OB		T0569		1501		991	2675			_			180									
			T D	0600		1423		90	2685		01383		1072		159									
			TD	2700		1185		62	2712	0	01132	7	1198		092									
060)	08		0767		1035		456	2727						048									
			TD	3800		0953		37	2734	-	00914		1301		023									
			TD	0300		0743		18	2752	0	00727	9	1383		958									
060		08		3965		0639		102	2760			_			927									
			10	1000		0610	35		2765		00596		1449		921									
			T O	1100		0539		13	2775		00494		1503		909									
			10	1200		0485		15	2783	0	00418	ı	1549		904									
060)	08:		1216		0478		153	2784			_			904									
			10	1300		0448		16	2788		00371		1589		906									
			10	1400		0428		17	2791	0	00348	1	1625		915									
0.60	0	08:	S	11478		0424	3.5	173	2792					14	926									

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE CTOT IO.	SHIP	LATITUDE	- 1	LONG	ituot	Degree	sou	SOEN	51	ATION (GM	TIM (1		YEAR	CR	UISE	NATO) N	\exists	08FTH 10	MAX CEPTH OF		08388 W	A VE	ONS		WEA-	COO			1 5	NODC TATION
CODE NO.		1,	/10		1/10	- 4	10"	1"	MO	DAY	HR.	/10		1		NUM			BOTTOM	S'MPL"	DI	E H (5 f Pre	314	٦,	100	THE	M.I		1 1	UMBEO
311273	55	2835	N.	072	36 W	1	0.80	82	06	24	10	9 1	1968	вΙд	73 00	3			4554	14	5	0	Т	1	Т	x 2	7	8			0023
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										1 9	9 5	09	20	07	263	24	• 7	7	14			\neg									
1	MESSENGE TIME HB 1/10	CAST NO.	CARD	0	OEPTH	(m.)	,	τ		5 *4.		SIGM	I-A	SPE	CINC VOL	umit ilo'	E Z OYN	10) W		INO DC414	07 0	n1/1	PO4-			01/1	NO2-		NO3-N	\$1.04=\$1 1/10 = \$4	
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			5 T	0	000	0	2	583	3	610		239	93	0	03983	5	00	00	15	380											
	109	() B S		000	0	2	583	3	509	5	239	93						15	380											
			ST	D	001	0	2	568	3	610		239	8	0	03942	25	00	40	15	378											
			ST		005			553		609		240	3	0	03902	21	00	79	15	376											
	109		78 5		002			551	3	509	4	240	3						15	376											
			5 T	D	003		2	340		5 3 5		248		0	03112	21	01	14	15	330											
	109) B S		004		2	108	3	559(2	257	70						15	276											
			5 T		005			069		559		258		0	02217	1	01	67	157	267											
	109		285		006			984		5599	9	260) 4						15												
			5 T		007			951		558		261		0	01935	7	04	19	157												
	109		085		800			914		5556	5	261							157												
			5 T		010			905		557		262			01838		02		157												
			5 T		012			888		60		262		0	01783	7	03	12	152												
	109	(985		013			884		60	2	263							152												
			5.1		015			874		660		263		0	01758	15	03	56	152												
	109	- 0	085		1017			861		5587	7	263							152												
			5 T		020			854		558		263			01742		04		152												
			5 T		025			838		556		263			01733		05		152												
			5 7		030			822		555		264		0	01724	8	06	17	157												
	109	C	285		1035			805		521	ł	264		_					157												
			51	U	040			741	3 (551		265	9	0	01591	. 1	07	83	157	231											
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	109	_		U				375		778 5704		268		0	01397	4	12	48	15												
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			-		080			139		523		270			01176		13		150												
	109		571 880	U	090			928 900		520:	,	273		0	00993	دا	14	0 2	150												
	109		51	n	1000			760		513	-	274			00807	6	15	76	149												
			ST		1100			630		507		275			00668		16		149												
	109		3 B S	0	115			575		041	7	276		U	00008	0	100	7	149												
	104		STI	0	1200			538		04	'	276			00569		17		149												
			51		1300			483		503		277			00512		17		149												
	109		85		1394			466		023	1	277		U	00312	٤	1 / 1	07	149												
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SHIP COOL	LATITUO		DNGITUOE	sou	JARE	- 1	ION TI		YEAR	C N U	SE S	ATOP'S	-	DEPTN 10 IOTTO	. 0	1H 0	AVR32	TIONS		THES	COD	ES			NOOC STATION NUMBER
0.		1/10	1/10	10"	1"	MO I	DAY H	4 1/10		NO	> ^	NUMBE		101101	" S'MF	r. our	HGT	rha s	l a	CODE	1191 4	w.1		_	ADW45
73 55	2835	N O	7346 W	080	83	06	24 1	56 1	968	A 7	3 00	4		4517	1	5 25			1	x 2	6	8			002
				,	WA			IND	BARC		A IS TE	WP T	Т,	NO	Τ.		٦' `								
					COLOR		DIR.	19110	METE		OBA	WET	COD	DEPTH	OUSE	PECIAL EVATIONS									
					COOE	1461		FOICE	(mbs	1	BULE	BULB	_	UEFIR	1		_								
							23	509	220	0	268	254	7	14											
MESSENGE TIME HE 1/10	U NO.	CARO	OEFTH (m)	1	3 1	s	٠4.	SIGM	A -7		111C VOLU	et 0	£ △ D x 10³		UNO OCITY	01 70		D ₄ =P		14 1 - 1	N97+1		0 ₃ -N	v., 0	
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156	•	085 STD	3010		526	36		241		0.0	3756	1 0	038		369										
		510	0020		476	36.		243			3604		0.75		359										
156		085	0025		437		204	244		00	3004				351										
1) (,	510	0030		350	36		247		0.0	3176	1 0	109		332										
		510	0050		099	36		257			2310		163		274										
156		0.05	0051	2	090		580	257							272										
		510	0075	2	002	366	> 1	260	0	0.0	2045	0 0	218	1.5	253										
156	,	085	0076	1	999	360	07	260	1					15	252										
		STD	0100	1	946	366	5.2	261	6	0.0	1904	9 (267	1 1 5	242										
156	5	085	0101	1	944	366	518	261	6					19	242										
		STD	0125	1	920	366	5.2	262	2	00	1850	1 0	314	1.5	239										
		5 7 D	0150	1	897	366	5.2	262	8	00	1803	9 (360	1.5	236										
156	5	085	0152	1	895	366	15	262	9					1.5	236										
		SID	0200	1	853	36	58	263	7	00	1739	6 0	448		232										
15€	5	085	0203		851		576	263							232										
		STD	0250		826	36		264			1713		535		232										
		STD	0300		797	365		264			1690		620		231										
		STD	0400		733	364		265		00	1637	3 (7 6 6		228										
156	5	0 B S	10405		730	364		265							228										
		5 T D	0500		665	367		266		0.0	1605	7 0	946		223										
156	>	DBS	0507		657		276	266							221										
		STD	9600		497	359		267		00	1476	9]	102		103										
15€	>	065	10607		484		966	267			. 20-		7		180										
		STD	0700		285	356		269			1300		241		127										
15.		510	0800		080	35	363	271		UU	1126	1 1	163		069										
156)	085 510	0812		056	35		271		0.0	0949	5 1	466		012										
		510	1000		1700	351		274			0765		552		956										
156		085	11009		1684		355	275		50	0,67		- 16		951										
156		*5TD	12690		1495		024	277		0.0	0531	д 1	727		951										
156		*STD	15200		1430		006	277			0482		854		951										

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REPERENCE	T T				L	MAR	SOEN	STAT	10 N 1	IME	Т	_	Т	ONG	INATO	or's		OEPTH	MAX		WAV	/E	Twi	EA-	CLOUD			NODC
cres IO.	CODE	LATTU		LONGITUOL	5		ARE		GMT1			EAR	CRU		STA		┑	TO BOTTOM	OEPTH	1		nons	1N	ER	COOES			TATION
CODE NO.	1		1/10	1/1/1	0 0	10*	1.	MO (PAY	NR,1/1	•		N1	0.	NU	ABER	-	*OTTOM	S'MPL	S Dist.	HGF	PER SEA	, co	DE	ITEL AM	1		UMBER
311273	1 55	2835	N	07455 W	-	080	84	06 8	24	206	1	96B	A7		05		1	4682	14	20		1	ιlx	2	6 8	1	ì	0025
							WAT	ER		MIND		BARG		Allt I	TEMP.	-	VIS.	NO.	501	CIAL								
							COLOR	TRANS.	DIR	SPE		METE (mbs		ORY		VET		DAS. DEPTHS		ATIONS								
								-	19	50	$\overline{}$	21	-	273	-	52	7	14	-									
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	MESSEN GE	CAST	CAR		(m)	1 ,	τ .	,	٠/	1 51	GM 4	-T	SPEC	IFIC VO	LUME	S OV	۵. <u>۵</u>	so	UNO	02 ml/l		34-9	FOTAL		NO2-N	NO3-N	5104-5	
	HB 1/10		TYP			1		1		"			^*	OMALT-	-11107	X	103	. I VELI	DCITY		123	• a1/I	26 . e.	1/3	nð - al/)	₩Q - 81/1	#g - al/	۳
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	206	5	085	000	0	2	637	360	90	2	37	6						15	392									
			ST	100 a	0	2	613	360	9	2	38	4	00	407	94	00	41	15	388									
			5.1	D 002	0	2	590	36	10	2	39	1	0.0	401	10	00	82	15	385									
	206	5	085	002	4	2	580		96		39								383									
			5 T	D 003	0	2	477	36	27	2	43	9	0.0	355	90	01	19		362									
	206	5	085	004	9	2	245	366	616		53								312									
			5 T	D 005	0	2	240	366			53		00	265	22	01	82		311									
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	206		085				781		492		64		00	,	•••		•		238									
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	206		085				718		386		65								233									
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	206	5	OB5		0	i	593	36	153	2	66	7						15	207									
			ST	D 060	0	1	466	359	93	2	67	8	00	145	32	11	72	15	173									
			5.1	D 070	0	1	220	355	6	2	70	0	0.0	124	40	13	06	15	103									
	206	5	085	072	4	1	163	35	81	2	70	5						15	087									
			51	D 080	0	0	970	35	2.7		72		0.0	101	65	14	19		028									
	206	5	085				783		96		73								971									
			51				772	350			74			0083			12		968									
			51				654	350			75			068			89		938									
			ST				563	350			76		0.0	059	42	16	53		918									
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			ST				499	350			77			052			09		909									
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	234		OB:			025			506		229		242								368											
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			5	TO	(075	5		220	36	61		254	0	00	2612	1	02	51		310											
	234		08			075			220		611		254								310											
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				T D		125			090	36			258			2236		03			286											
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				7 D		3400			626	36			266			1535		0.8			193											
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				10		900			627	35			275			0637			14		911											
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Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24–26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE	SHIP			-:	/ nR	DEN	STATION	TIME		OR	GINATO	OR'S	7	OEPTH	MAZ	_	WAVE	WEA	CLOUD				
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			STD	0020		473	3611	242		0036	664	007	16	153	358								
	023		35	0023		•51	36123	243						153	353								
			STD	0030		359	3630	247		0032	113	011	1	153	334								
	023		35	0048		189	36604	254						152									
			STD	0050		180	3661	255		0024	957	016	8	152									
	0.53			0071		108	36653	257						152									
			STD	0075		01	3666	257		0022	06	022	7	152									
	0.2		35	0095		163	36679	258						152									
			STD	0100)50	3668	259		0021		028		152									
	023		35			92	3666	260		0020	113	033	4	152									
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			STD	0250		153	3658	262 263		0018		056		152									
			510	0300		116	3654	264		0017		065		152									
	023			T0384		46	36434	265		0011.	40	003		152									
	02.		510	0400		38	3642	265		00164	an	082	0	152									
	023			0484		50	36256	266		0010	,,,	002		152									
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		5	TO.	0600		96	3583	268		00138	14	112	7	151									
		5	TD	0700		47	3547	270		00116		125		150									
	023	0.8	15	0778	05	76	35266	272	2					150									
		5	OTO	0800	0.9	30	3523	272	7	00097	68	136	2	150									
			TD	0900	0.7	48	3511	274	6	00078	69	145	0	149	959								
	023	0.8	3 S	10975	0.6	42	35046	275	5					149	29								
		5	STD	1000	0.6	21	3504	275	8	00066	35	152	3	149	25								
			TO	1100		46	3503	276	7	00057	78	158	5	149	11								
			TD	1200		88	3502	277		00051	75	164	0	149	04								
	023			1240		70	35016	277	4					149	0.3								
			TD	1300		48	3501	277		00048		169		149									
			TO	1400			3500	277		00046		173		149									
			TD	1500		20	3499	277		00047	87	178	5	149	26								
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Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

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Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

CTET 10.	SHIP	LATITUDE 1/1		NGITUOE E SO	30U	JEA		ON T	IME	YEAR	CRUI		STATIO	'n		0EPTH 10 10110M	DEP	TH.		WAVE SERVATI	ONS	W F THE	4	CLOUC	5		NOD STATE	DN
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			5 T 0	0020		594	361	5	23	94	00	3984	8	008	32	153	386											
	116		85	0024		585	361	67	23	98						153	385											
			STD	0030		96	363		24		00	3549	4	011	9	153												
	116		85	0049		90	367		25							153												
			STD	0050		286	367		25		00	2692	9	016	32	153												
	116		85	0073		197	367		25							153												
			STD	0075		191	367		25		00	2441	0	024	6	153												
	116		85	0097		130	367		25					_		152												
			STD	0100		126	367	_	25			2297		030		152												
			510	0125		0.85	367		25		0.0	2201	0	036	1	152												
	116		85	0146		146	367		25				_			152												
			510	0150		36	367		25		0.0	2091	7	041	5	152												
	116		85	T0195		939	366		26							152												
			STD	0200		35	366		26			1905		0 > 1		152												
			STD	0250		396	366		26.			1848		060		152												
	111		\$ T D B S	0300 T0392		358	365		26		00	1794	1	070	10	152												
	116		51D	0400		791 786	364	_	264		0.0	1717		087		152												
	116		9 S	0490		723	363		265		00	1712	4	00/	2	152 152												
	110		STD	0500		719	363		265		0.0	1659.		104	,	152												
	116		95	T0594		31	362		266		00	1009.	2	104	4													
	110		stD	0600		518	362		266		0.0	1587	c	120		152												
			STD	0700		987	358		268			1393/		135		151												
	116		31 <i>0</i> 35	0790		169	355		270		00	13936	0	1 2 3	9	151												
	110		510	0800		44	354		270		۸٥	1180	4	148		150												
			5 T D	0900		391	352		27			09450		159		150												
	116		85	10946		770	350		274		00	J * * D (149												

IN ID.	SNIP		LATITU	OE 1/10	LON	GITUG	t 8	- N	ABSOE OUAB	E	- (ON TI		TEAB	CIUISE NO		TOR'S ATION UMBER	_	0EPTH 10 80110	OFFI	н	OBSE	A VE		WE THI COI	:	CLOUD CODES			NOOC STATION NUMBER
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		• ,			10		010		264		36		237		004	1402	0.	042		395										
					τO		020		250		362		239			9400		082		386										
	1	43		08			024		256		362		241	1						381										
				S	TD	0.0	30		24	7.3	363	16	244	7	003	4827	0	119	15	362										
				5	TO	0.0	050		226	5	366	3	252	9	002	7146	0	181	15	318										
	1	43		08	S	0.0	050		226	5	366	25	252	9					15	318										
	1	43		08	S	0.0	74		220	0.0	36	04	255	3					1 5	306										
				S	T D	0	375		215	7	36	1	255		002	4786	0	246		306										
	1	43		08	5	0.0	98		213	36	36		257							295										
					TD		100		213		36		257			2675		306		294										
					T D		125		208		36		258		002	1781	0	361		286										
	1	43		08			148		204		36		259							277										
					TD		150		203		36		259		002	0798	0	414		276										
	1	43		08			198		193		366		262							255										
					TO		200		193		366		262			8879		514		254										
					TO		250		189		366		263			8213		006		251										
					TD		300		185		365		263		001	7651	0	696		248										
	1	43		08	-		395		178		365		264				_			242										
					TO		•00		17		365		264		001	6861	0	869		242										
	1	43		0.8			95		170		36		265							235										
					TD		00		170		363		265		001	6363	10	035		234										
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					CI		700 795		135		35		268		001	4045	1	339												
	1	43		08					106		35		271		001	1004	1.4	464		068										
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	1	43		08	5	10,	316		05.	0	220	40	210	4					14	971										

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24–26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

			-							7			—т-		MAX				,		_			1
REFERENCE	SHIP	LATITUDE		NGITUDE	y sou	SDEN	STATION	TIME	YEAR	\rightarrow	RIGINAT		-	DEPTH	DIFTH		WAVE SERVATI		WEA.	CLOUD			NODE	
C006 NO.	CDDE		10	1/10	10*	T 11	MD DAY	HR.1/10		CRUISE ND.		NON MBER		MOTTO	S'MPL'S	OIR	HGT N	1 564	CODE	ITEL AM	1		UMBER	
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	HR 1/10	1		-			-			-		- X	103	-							pg - 0///	99 - 0171		-11
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			SID	0000		716	3590		336	004	283	0.0	0.0		407									
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			STD	0010		718	3591		336		297		45		410									
			STD	0020		721	3592		336	004	341	00	91		412									
	182	?	085	0021		721	3592		337						412									
			STD	0030		689	3593		348	004	+316	0.1	35	15										
	182	? .	985	0043		618	35946		371	000	3799	0.3	19		393 381									
	100		STD 385	0050		552 453	3639		406 456	003	3 144	04	ΤA		363									
	182		STD	0075		397	3649		496 480	003	1897	0.3	07		353									
	182		310	0083		361	3654		495	003	10.41	0 3	0 /		346									
	102	:	510	0100		287	3669		527	002	7480	0.3	81		332									
	182	, ,	085	0123		203	36788		559	002		0.5	•		316									
	102		STO	0125		198	367R		559	002	505	0.4	46		315									
			STD	0150		134	3673		573		3254		06		302									
	182	, (285	T0162		105	36710		580			-			296									
			STÔ	0200		017	3668		502	0020	760	06	16		278									
			STD	0250		922	3663		523		3907		15		260									
	182	? (285	T0295		855	3658		536						248									
			STO	0300	1	851	3658	2	537	001	7699	0.8	0.7	15	248									
	182	? (285	0366	1	787	3650	2 2	547					15	239									
			STO	0400	1	742	3643	21	553	001	5512	09	78	15	231									
	182	. (285	T0443	1	675	3631	2	660						216									
	182	? 4	STD	0585	0 1	254	3561	2	698	001	2406	12	45	15	216									

REFERENCE					_		-	MARS	OF4		tion 1			1	DRIGIT	AIDI	1.5	_		MAX		WA		Т		CLDU					
CIET ID.	CDDE	LATITU	10	LDN	GITU	DE	NOC	SQU.		31.4	IG M 1	r	TEAR	100		STATE		\dashv	TQ.	DEPTH	0		TIONS		WEA-	CODE			- -	NODC TATION	
CODE NO.	Cook	•	1/10		•	1/10	, <u>r</u>	10*	12	MO	DAY	1R, 1/10				NUM			BOTTOM	S'MPL"	DIR	NGT	PEO S) A	CODE	TYP] A	41			UMBER	Į
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	205	,		S TD		1010			747	35			12		004766	4	00	4.8		427											
				TD.		1020			775	36			26		004615		00			425											
	205		08			1024			762		077		35	`	,,,,,,		0 -			423											
	20,			T D		1030			722	36			49		004419	9	014	4 Đ		416											
	205	,	08			049			520	36	136	2.3	8.5						15	397											
				T D	0	1050			517	36	14	2.3	86	0	104073	3	02	25	15	396											
	209	,	0.8	S	0	073			541	36	241	24	1.7						15	384											
			S	TD	0	075		2 5	53.	36	27	24	22	(063737	8	03	23	15	382											
	205	5	0.8	5	0	096		24	446	36	548	24	69						15	369											
			S	T D	0	100		24	431	36	57	24	76	(003239	2	04	10		366											
				TD		125			140	36			11	(002912	3	041	87		349											
	205	•	0.8			145			272		736		35							336											
				T D		150			257	36			40	(002649	2	05	5 7		335											
	205	•	08			194			125		746		77							307											
				† D		200			106	36			81		002270		061			303											
				TD		250			956	36			10		002011		07			269											
				TD		300			320	36			34	(001795	9	081	82		237											
	200)	08			1369 1460			558		229		57			2	104			198											
	205		0 B	1D					508 488	36	15 950		63 75	·	01545	1	104	44		187 157											
	205)		5 1D		1460 1500			488 374	35			85		01354		110	0.4		125											
	20 5		08			1551			247		10 565		95)UI 354	*	11.	4		088											
	20.	,		TD		1600			145	35			04	0	001178	1	13	21		059											
	205	5	08			664			041		288		12			-		•		031											

TABLE XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE CTST ID	SHIP	LATITU	DE	LONGITU	DE	N DC 18	MARS		STAT	ION T	tme	YEAR	L	UISE	UGINA	TOR'S		DEFT		MAI	N	065	WAV	E Nons		WEA-		LOUG			NODE	[]
CODE NO.	CODE		1/10		1/16	25	10*	10	MOTO	AY I	4R.3/10			10.		ATION JAN BEI		10110		S'MP			HGTP			CODE		TAM.	1		NUMB	
311273	55	2835	N	07934	W		080				221	196	3 A	73	014			075	-+	04	_	16		-	1	X 2	1	8			00	3 4
							- 1	WAT	18	Γ,	WIND	RA	RO+	A	RTEM	P. °C	Т,	NO.	Τ,		_		, ,						'			
								COUL	TRANS.	OIR.	1988 00 1000	ME		80		WET	COD			08518	VA T											
										19	509	1	56	26	8	253	6	11	1													
	MESSINGS TIME MR 1/10	CAST NO.	CAI	io de	PTH G	m)	t	٦	5	٠4.	SIC	MA-1			VOLUM LT-110	: I c	E △ D x 10 ³		FLO		0:	m1/1		4-7		TAL-P		3-N - 81/1	NO3=N vg - 61/1	\$1 O4~		н
-				. [Т					T		7					Т									
,			5	tD O	000) '	21	845	360	9	2:	0.8	0	047	941	, c	0000	' 1	54	37	'		'							'	'	
	221		083		000			845	360			80						1	54	37												
					010			317	360			18	0	047	071	C	1048	_		33												
	221		085		0] 9			770	361			35								25												
					020			760	361			38			188		094			23												
					030			566	361			169	0	042	272	C	137			04												
	221		089		037			514	361			88								94												
			51		050			557	362			13	0	038	155	С	218			84												
	221		085		056			525	363			27				_				78												
			51		075			398	365			84	0	031	536	Ç	305			54												
	221		089		075			398	365			84								54												
	221		51		100			265	367			34	0	026	803	C	378			27												
	221		085		112			222	367			50	_							18												
	221		089		125			211	367			62	O	025	129	C	443			18												
	221				150			165	367				_	0 2 4			504			13												
			51		200			963	365			65			077					10												
			51		250			758	363			43			113 963		615 707			10												
	221		08		258			725	363			47	U	010	700	O	101			01												
	221		51		300			550	360			68	0	014	654	0	786			51												
	221		QB3		315			98	359			74	J	O 1 4	J 74	C				33												
	221		000		373			251	355			94								60												
	44.1		51		400			159	354			01	0	011	556	0	918			31												
	221		089		430			71	352			07	U	011	J 3 6	C	718			03												

ERENCE	SHIP	LATITU	DE	LONGITUDE	AUT.	SQU		5° A	TION		TEAR	L		GINAT			DEFTH	MAL			VA VE		WEA		CLOUD			NOTIC
ID. NO.	CODE	,	1/10	1/10		10"	1.	¥0	TAY	NR 1/10		70.	NO.		ION ABER	1	MOTTON	S'MPL	1 '		GT PE		1 000	ĸ L	ITPL AMI			NUMBER
127	3 \$5	2835	N	07952 4		080	89	06	25	237	196	8 /	473	015		10	366	03	2	0		1	X.	?	6 8			003
			,		*		WA	58	T	WIND	1	10-	ÀI	TEMP		1	NO.	-		Π'	,	,	'					
							COLCR		Die	191	D MI	1 61	DI		VE1 CC	no.	OBS. DEPINS	OBSER/	VATION	45								
									16	- 1	0 1	63	26	1 2	42	1	0.8			٦								
	MESSENGE TIME HR 1/10	º NO ₽	CAR		(m	,	•		٠4.	516	MA-T		MOMA		S A OTN x 10	м	200	INE OCITY	02 =	ועו	PO _a		1014L= =# 81/		NO2-N 10 - d1/1	NO ₁ -N ug - o1/l	\$1 04-5 vg - 01/	
			ST	. 000	a	2	837	3.6	2.7	1,	324	1,	0046	402	000	0	154	438		ļ				ĺ	- 1			
	23	,	085				837		26		324	,			0.00	_		438										
	23	,	51				819		34		336		0045	322	004	6	154											
			ST				800		39		346		0044		003		15											
	2.3	7	085				78⊋		41		352							433										
		-	ST				691		42		384	- (0040	878	013	3	154	413										
			ST	D 005	0	- 2	315	36	45	2	501	- 1	0029	812	020	4	150	328										
	2.3	7	085	005	3	2.	276	36	46	. 2	513						15	319										
			51		5	2	147	36	60	- 2	660	- (0024	248	027	2	15.	291										
	23	7	085	008	0	- 2	111	36	60:	3 2	572						15	283										
			5 T	D 010	0	1	939	36	50	2	508	(0019	728	032	7	15	239										
	23	7	089	010	6	1	FRR	36	46	5 2	518						15	225										
			51				720		24	2	5+3	(0016	453	037		15											
			51				537		99		567	- 0	3014	270	0+1	ú	15											
	23	7	085				482		917		574						15											
			51				327		69		589	(0012	271	047	7	150											
	23	7	085				275		607		593						150											
			ST				142		41		704	(0010	949	053	5	150											
	23	7	009	T028	8	1	005	35	100	2	711						140	₹55										

Table XVIII. Observed and interpolated oceanographic data taken by USCGC SEBAGO, 24-26 June 1968, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-1273.—Continued

REFERENCE	SHIP					- =	MAPS		51.4	TION 1				DRIGIN	NA IDES		DEPTH	MAX		WAVE			EA-	Cro			NOOC
CTRY ID.	CODE	LATITU	DE	LONGI	fuot	PERMIT	200			IGMII		TEAR	CRUISI		CHATZ		80110A	, OF	1	SERVAT		1	TOC	CO			TATION
ODE NO.	1		1/10		1/10		10°	3.4	WO.	DAY	HR 1/10		NO.	_	NUMBE		•0110A	S'MPL'S	DOL.	HGFFI	B 31		301	TYPI	A MIT		 U ~ U E H
311273	55	2835	N	0801	li w		081	80	06	26	013	1966	A73	01	ь		0040	00	28		1	ιЮ	K 2	6	8		0036
							ſ	WA	TER	1	WIN0	948	n.	AIR TE	MP °C	Τ.	NO.		CIAL								
								COLOP	78AH IMI	S. OIR.	5961 01	O MET	ER	ORY	BULI		DEPTHS	CALLERY									
										26	514	4 16	6 2	46	23	7	03										
	M1551NG TIME HR 1/10	NO.	CA 17		DEPTH	(m)	1	7		s ·4.	\$10	SMA-1	SPECIFIC	C VOLU		≨ ∆ 0 01N. A € 10 ³	4 1 1/5	UND	0 2 ml/	PO.		1014		NO2-		NO3-N ug - 01/l	
		1		TO	000			606		87		369	004	213	88	0000		382		1	İ		-		ļ		
	01	3	08 S	S T0	000			606 605		870 94		369 374	004	168	3.2	0042		382									
			S	10	002			458		00	-	424	003	3694	5	0081		353									
	01	3	08		002			330		033		465			_			323									
	0.1	2	08	TD S	003			166 921		01 954		510 571	002	884	•0	0114		282									

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.

REFERENCE			-							_	-			T0.44	-,		MAX.			_	T				
CTAY ID.	CODE	LATITU	DE	LONGITUO	E MA	SQU	ARE	27 A 110	N TIME	YEA	AR C	AUISE SEUR	IGINA ST	ATION	\dashv	DEPTH	DEPTH	01:	SERVATIONS	WEA-	CLOND			NOOC	
CODE NO.	COOL		1/10		/10 2	10"	12	MO O	NY HR,171	0		NO.	N	JARER		BOTTOM	S'MPL'S	DIR	HGE ME SIA	CODE	1191 AW1		1	NUMBER	
318139	Al	2840	N	07012	w	060		12 0		196	69		001		- 1	5440		07	1 2	x 1	0 3			0001	
							WA	-	WIND		IAID-	_	TEM		vis.	NO. 015.	SPEC	CIAL							
							COLOR	TRANS.	018.	t '	(mba)	DR	ă	BULB	CODE	DEPTHS	ORSERV	A TION 5							
							OT	SD	11 50	7	190	21	0	186	7	27									
	MESSINGE TIME	CAST	CAR	0 000	TH (m)	Ι,	۲.	5 .	, ,	IGMA-	, ,	PICIFIC S	/OLUM	, £	Δο	50	UND	0	PO4-P 1	OTAL-P	NO3-N	NO3-N	SI D S	T	1
	HR 1/10	NO.	typ	£ 017	(PL 9m)			,	,	6 M A -	.,	AHOMAL	V- E10	' °ï	∆ D.	VEL	OCITY	03 m1/1		+g - el/>	и р - в1/1	ug - q1/)	wg = 01/	≱H	6
																									T
			ST		000		262	366		530		0026	831	0.0	00		309								
	066		085		100		262 262	366		530 531		0026	700	0.7	26		309 311								
			085		10		262	366		531		0020	170	0.0	20		311								
			5.1		20		262	366		531		0026	774	0.0	53		312								
	004		085		20		262	366		531							312								
			5.1		30		262	366		531		0026	814	00	80		314								
			085		30		262	366		531							314								
			ST OBS		50		260 260	3666		533		0026	100	ŲΙ	34		317 317								
			ST		175		250	300		535		0026	519	0.4	00		319								
			085		75		250	366		536							319								
			065		080		247	366		537							319								
			085		8.2		245	3660		532							318								
			0B5		00		199	3668		552 578		00221	6 2 2	0.2	62		308 283								
			085		00		395	3665		578	,	0022	023	0 2	0 2		283								
			ST		25		761	366		613		0019	3 1	0.1	14		250								
			085		25		₹61	366.		613							250								
			ST		50		904	366		626	-	0018.	254	0.3	61		238								
			085		50		904 543	366		626 634		0017	7	Ο.	5.1		238 228								
			085		00		843	365		634	,	0017	367	0 -	, 1		228								
			ST		50		8.)9	3655		645		0016	730	0.5	3.7		227								
			085		50	1.	809	365	5 2	645						15.	227								
			ST		00		783	305		650		0016	423	0.6	20		228								
			085		100		783	365		650		0014	207	0.7	84		228								
			ST		00		755 755	3649		654 654		0016	381	0 1	04		235 235								
			5.1		00		596	3636		658		0016	274	0.9	47		233								
			085		00		596	3636		658							233								
			ST		0.0		526	360		671		0015	257	11	05	15	193								
			OBS		00		526	360		671							193								
			ST OBS		00		306 306	3565		690 690		0013	500	1 4	49		134 134								
			51		20		363	353		710		0011	535	1.3	74		062								
			OBS		00		563	353		710	,	001.	,,,		, -		U62								
			ST		00		332	351		735	-	00091	056	14	77		991								
			085		00		8.3.2	351		735							991								
			ST		0.0		558	3505		754	-	0007	098	10	58		939								
			085 51		00		558 551	3509		754 766		0005	81.7	16	22		939 913								
			085		00		551	3501		766	,	0000	J 🕶 1	10			913								
			ST		30	0	502	3504		773		0005	218	16	78		910								
			085	12	Ú0		502	350	+ 2	773						14	910								
			ST		100		472	350		775		0004	994	17	29		914								
			085		00		472	350		775			7. 7		7.0		914								
			12 25 U		00		448 448	350°		778		0004	167	1 /	78		921 921								
			51		00		429	350,		779		00041	587	1.6	25		930								
			085		00		429	3 = .1.		779			- 0 /				930								
							-																		

TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE	,					1									******	ATOR'S				MAX			,		, —			
CIPT IO.	SHIP	LATITU	DE	LON	GITUDE	100	SOL	SOEN	STA	TION T	IME	YEA	a c	RUISE		TATION	\dashv	DEI	ro 1	DEFTH	085	WAVE ERVATIONS	WEATHER	CLOUD			NOOC	
CODE NO	COOF	•	1/10		1/10	1 3	10*	1°	MO	DAY	R, 1/10		_	NO.	N	UMBER		101	TOM .	S'MPL'S	0.00	HG7 PI 14	COOL	TYPL AM	1		NUMBER	
318139	AI	2835	N.	0.7	125 w	1	080				131	196	59	A74	00			53			09	1 3	X1	0 3			0002	
								COLOR		1	SPEEC		A RO-	_	R TEA	WET	VIS	N 01		SPEC								
								COOL	iel	DIR	00 FORC	, 7	ledal		LB	BULB	CODI	DEP	THS	OBSERV.	LIIONS							
								DT	SD	10	508		193	23	34	188	7	2	4									
	MESSENGE	CAST	CAL	0	OEPTH		Ι.	ής.	Ί.	./	T.,,	MA-	. [HORE	VOLU-	41 E	Δ 0 N. M		SOUN	40	O2 ml/l	PO4-P	TOTAL-P	NO;-N	NO3-N	5104-5		1
	HR 1/10	1 NO	TYP	E	O EFFIR	SM I	1		1,	***	1 310	m^-	'	ANOMA	LT E11	۰, ا	103		VELDO	CITY	O3 m1/1	μg = 81/I	#8 · 81/1	μg = αt/l	ug - al/1	PQ - 01/		c
																												71
			51	0	000	0		289	36			23		002	750	2 0	000		153									
	131		OBS		000			299	36			23							153									
			51		001			289	36			23		002	754.	2 0	027		153 153									
			0BS		001			289 246	36 36			35		0026	40	2 0	054		153									
	003		OBS		002			246	36			35		0020	, - 0 1		• , -		153									
	000		ST		003			244	36			37		0026	25	1 0	080		153	10								
			OBS	,	003			244	36			37							153									
			ST		005			242	36			3.8		0026	27	5 0	133		153									
			OBS		005			242	36 36			38		0026	14		198		153 153									
			ST OBS		007			237	36			40		0020	10,	+ 0	140		153									
			51		010			105	36			76		0022	814	4 0	260		152									
			OBS		010		2	105	36	66	2.5	76							152	85								
			51		912			987	36			0.7		0019	994	1 0	313		152									
			OBS		012			987	36			0.7					4		152									
			OBS		015			914 914	36 36			26		0018	328	4 0	361		152 152									
			51		020			840	36			40		0017	708	9 0	449		152									
			QBS		020			840	36			40							152									
			ST		025	0	1	603	36	56	26	48		0016	51	1 0	233		152									
			085		025			603	36			4.8							152									
			5.1		030			777	36			51		0016	35	7 0	015		152 152									
			08S		030			777 745	36 36			51		0016	221	я о	778		152									
			OBS		040			745	36			56							152									
			ST		0 = 0		1	670	36	34	26	63		0015	81	5 0	939		152	25								
			085	,	050	J	1	670	36		26	63							152									
			ST		0.60			482	35			77		0014	•65	9 1	991		151									
			085		360			482	35 35			77		0014	100	, ,	229		151 151									
			5T 089		070			261 261	35			96		0012	. 0 4	1 1	7		151									
			5 T		080			041	35			16		0010	980	4 1	348		150									
			085		389		1	041	35	33	2.7	16							150	54								
			5 T	D	0.50		Ú	837	35			33		0009	920.	8 1	449		149									
			OBS		090			837	35			33							149									
			ST		100			679	35 35			51		000	41	4 1	532		149									
			OBS ST		100			679 579	35			63		0006	16	5 1	600		149									
			OBS		110			579	35			63				- 4	0		149									
			5.1		120			516	35			71		0005	40	7 1	58		149	16								
			OBS		120			516	35			71					_		149									
			5 T		130			482	35			75		0005	05	1 1	710		149									
			085		130			482	35 35			75		0004		3 1	760		149									
			ST OBS		140			446	35			77		0004	•01	, 1	.00		149									
			ST		150			425	35			79		0004	701	8 1	807		149									
			085		150			425	35	01	27	79							149	28								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE					1	SOEN								_		_	MAI					_		_	
C187 10.	CODE	LATITU	101	FONCILIDE P	sou	ARE	STA 11	ON TIA	"	EAR	CRUIS	-	STATION	_	DEP	TH C	DEPTH	01	WAVE SERVATIONS	WEA	CLOUD			NODE	
COOR NO.		<u>. </u>	1/10	1/10 5	10"	1.	MO D	AY HE	1/10		NO		NUMBER		1011	OM	OF MPL'S	DIL	HGT PER SE					NUMBER	
318139	AI	2835	N	07235 w	080	82	12 0	9 11	38 1	969	A74	00	3		484	6		13	2 2	×1	03	1		0003	
						WAT	-	w	ND	BARG		AIR TE		T.	NO				L L	1 41	1 0 13	1	- 1	0003	
						COLOR	TRANS.	CIR.	SPEED	METE	R	DRY	WET	COO	DEPT		SPEC SSERVA	ATIONS							
						DT	-	12	701CI	_	-			-	↓_	-									
Г					1	UI	30	12	504	169	' [-	46	214	7	24							_			
ľ	ESSENGE TIME 0	CAST ND.	CAR		1	τ	\$.	·4.	SIGM	1-1		C VOLU	Mr 8	. 103 × 103		SOUN		O2 ml/1	PO4=P	TOTAL-F	NO2-N	ND3-N	5104-	5.	5
<u> </u>	R 1/10				 		 						`	x 103	·	Frac	ITY		≥Q + ±1/1	≥g = a1/7	⊌g - 81/I	1/10 + ⊊د	γg = at.	/I gH	ć
							1	.							1										П
	188		ST 085	0000		325	366		251		005	871	8 0	000		532									
	100		ST			325 317	366 366		251			05.0				532									
			085	0010		317	366		251		002	853	1 0	28		532									
			STI			315	366.		251		000	o				532									
	003		085	3050		315	366.		251		002	644	4 31	57		532									
	202		5 T (2	310	366		251		00.2	827	5 0/	85		532									
			085	0030		310	366		2516		JU2	UL I	- 01	,0)		532 532									
			ST			302	366		2518		002	812	8 O	41		532									
			085	0050		302	366		2516				- 0			532									
			STO	0075	22	37	3660)	2535		002	666	2 0.	10		531									
			085	0075	22	237	3660	0	2539							531									
			STO			204	3659	7	254	3	002	594	1 0	76		531									
			085	0100	22	204	3659	9	2543	3					1	531	. 0								
			STÍ			39	367	1	2598	3	002	0836	0.	334	1	527	12								
			085	0125		39	367		2598						1	527	2								
			ST			45	3666		2619		001	8904	• 0	84	1	525	O C								
			085	0150		945	3666		2619							525									
			STO			344	366		264		001	6964	0.	73		523									
			085 510	0200		344	366		2641							523									
			085	0250		308	3658	_	2646		001	6486	> 0:	57		522									
			510			308 782	3654		2646							522									
			085	0300		182	3654		2651		001	633	2 06	39		522									
			STI			39	3647		2651 2656		001	615		02		522									
			085	0400		39	3647		2656		001	015.	, 00	02		523 523									
			510			40	3624		2663		001	5845		62		521									
			085	0500		40	3624		2663		001	204;	, ,	02		521									
			STO			49	3593		2682		001	4169	11	12		516									
			085	0600		49	3593		2682							516									
			STO			34	3561		2701		001	2356	14	44		510									
			085	0700		34	3561		2701		-					510									
			STO		0.9	85	3528	3	2722		001	0353	13	58		503									
			085	0800	0.9	85	3528	3	2722							503									
			STU			99	3512	?	2739		000	8594	14	53		497									
			085	0000		99	3512		2739						14	497	8								
			STO			69	350€		2753		000	7193	1 5	31	14	494	4								
			085	1000		69	3506		2753							494									
			STO			72	3505		2765		000	5997	1 15	97		492									
			085	1100		72	3505		2765							492									
			STD			J 9	3504		2772		000	5317	16	54		491									
			085	1200		09	3504		2772							491									
			STO			78	3504		2775		000	5004	17	06		491									
			095	1300		78	3504		2775							491									
			5T0 085	1400		46 46	3502		2777	1	000	4813	1 1	55		492									
			510				3502 3502		2777 27 7 9		000	. 4 0 0		0.3		492									
			085	1500		30	3502		2779 2779		000	+699	1.8	02		493									
			003	1500	04	50	2202		2119						1 4	493	U								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

IO.	SHIP	LATITU	iDE LO	NGITUOL 100	MARSDEN	STATION T		TE A B	COUISE	RIGINA	ATOR'S		DEPTH	MAI GEPTH OF	01	WAVE SERVATIONS	WEA- THER	CLOUG		,	NOOC
NO.	1000		1/10	1/10	10" 1"	MO DAY	R,1/10		NO.		UMBER		BOTTOM	S'MPL"	S DIR	HGT HE S		ITPE AM	,	,	4U M 81
139	A1	2835	N 07	345 W	080 83	12 10	004 1	969	A74	004	4		4755		13	2 3	×1	013			000
		20,,,			WA	158	MINO	BARG	· -	IR TEA	_	т_	T 40	588	CIAL]					
					COLOR	TRANS OIR	OR FORCE	STS M	1 B	JBY ULB	WET	CO0 AIZ	OSS. DEPTHS	085887	ZHORA						
					DT	50 13	512	166	_	3.2	212	7	25			1					
				T	1 01	30 13	312	100				_				1			_	_	_
	MESSENGE	er NO.	CARD	GEPTH (m)	1 10	\$ *4.	SIG M	A-T	1PECIFIC ANOM	ALT-ET	,;t 3	AN. N	VEL	DOLLA	0 ; 41/	104-P 12 - 01/1	1014 L=P	NO3-N	NO3-N yg - at/l	\$1 O4-\$	
	HR 1/10	1	-				-					a 10 ³	+	-		11.00	Py - 417.	24 - 017 -	yg - 01/1	yg - ui/	₩
		,		1	2210	7.5.	202	, [000	7, 70	.	000	1,,	1					l	1	1
	004		510 0BS	0000	2269 2269	3654 3654	252 252		002	1675	5 0	000		310 310							
	004	•	510	0010	2269	3655	252		002	764	o 0	027		311							
			085	0010	2269	3655	252		002	1042		- L		311							
			STD	0020	2269	3655	252		002	768	1 0	055		313							
	004		085	0020	2269	3655	252							313							
			STD	0030	2269	3655	252	2	002	7721	1 0	U 8 3	15	315							
			085	0030	2269	3655	252							315							
			STD	0050	2267	3655	252		005	7745	5 0	138		317							
			085	0050	2267	3655	252							317							
			STO	0075	2267	3655	252		005	/84	0 6	406		322							
			085 STD	0100	2267 2268	3655 3655	252 252		002	7040	n 0	277		322 326							
			085	0100	2268	3655	252		002	170	, 0	211		326							
			510	0125	2268	3656	252		002	7994	4 0	347		330							
			085	0125	2268	3656	252		001					330							
			085	0130	2268	3656	252							3 3 1							
			STD	0150	2182	3671	255		002	468	3 0	413	15	314							
			085	0150	2182	3671	255	9					15	314							
			510	0200	1940	3668	262		001	8823	3 Q	522		257							
			085	3200	1940	3668	262							257							
			510	0250	1868	3665	263		001	7430	b 0	612		245							
			085	0250	1868	3665	263			. 76				245							
			510 085	0300	1824 1824	3662 3662	264 264		001	0/56	b U	698		240							
			STD	2400	1777	3056	265		0016	6400	n 0	864		243							
			OBS	0400	1777	3656	265		0010	040.	4 0	004		243							
			STD	0500	1753	3652	265		0016	646	o 1	028		252							
			085	0500	1753	3652	265		001					252							
			STD	0600	1617	3626	266		001	5496	6 1	188		224							
			085	0600	1617	3626	266	Q					15	224							
			STD	0700	1381	3585	269	0	001	3591	1 1	333	15	161							
			085	0700	1381	3585	590							161							
			SID	0900	1115	3548	271		001	125	7 1	458		083							
			085	0800	1115	3548	271							083							
			STD	0900	0883	3521	273		000	4320) 1	560		011							
			OBS	1000	0883	3521 3511	273		000	7) 7 .	. 1	643		011 956							
			085	1000	0699	3511	275		000	12/0	0 1	J 4 3		956 956							
			510	1100	0581	3509	276		0005	5834	4 1	709		926							
			085	1100	0581	3509	276		500	- 0) -		,		926							
			STD	1200	0519	3509	277		000	5080	0 1	764		917							
			085	1200	0519	3509	277							917							
			STD	1300	0479	3508	677		0.00	4725	5 I	613		918							
			085	1300	0479	3508	277							918							
			STD	1400	0449	35 u 7	278		0004	448	9 1	059		924							
			OBS	1400	0444	3507	278		0.3		, .			922							
			STD	1500	0448	3506	278		006	451	r 1	9114		934							
			0.85	1500	0438	3566	278	1					14	934							

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE					, ,						,														
CTEV IO.	SNIP	LATITU	30	LONGITUDE	N DC I	SQUARE	STA	TION TI	ME	YEAR	CRUISI		ATOR'S		QE		MAT.	Cas	WAVE ERVATIONS	WEATHER	CLOUC			NODC	
CODE NO.	COOL	<u> </u>	1/10	1/10	2 0	10" 1"	MO	DAY	2 1/10		NO		NUMBE		8011		MIL'S		HGT PEE 31		TIPI AV			STATION	
318139	Al	2836	N	07532 W		080 85	12	10 0	64	1969	A74	00	5		489	92		14	2 2	×ο	0 3	-		0005	
							TER		IND	BAR	o	AIR TE	MP T	VIS	NO	э,	SPECI	$\overline{}$,- ,- ,	,			,	0000	
						CODE	1 BANS	OR	PEEC			ORY	WET	coc			SERVA	TIONS							
						DT	50	13	515	14	-	29	209	17	25	.									
	MISSENGE PMI	CASI	CAR		_		1	_	T				-	_	-										$\overline{}$
	HR 1/15	NO.	TYP	E GEPTH	(m)	1.5	5	٠/	31G	M A -1	ANDA	VOLU	;;; i	10)	λ. J.,	VELOCI		2 ml/1	FO4-F FB = 81/1	*OTA L-P	NO2~N vg - al/i	NO ₁ =N		St pH	ċ
			_				+-		 		_			1 10	+-		+		-				7,00	-	Η
,			ST)	2327	365	54	25	04	002	927	2 0	000	, 'ı	1532	4		1				1	1	H
	064		OBS			2327	365	54	25	04						1532									
			ST			2327	365		25		002	931	2 0	ÚZ9	1	1532	6								
			OBS			2327	365		25							1532	ь								
	0.04		ST			2327	365		25		002	935.	2 0	058		1532									
	004		085 ST	0020 D 0030		2327	365		25							532									
			085	0030		2322	365		25		002	925	5 0	Ú 87		532									
			085	0039		2322	365		250							532									
			ST			2316	365		25		002	. כה ס		146		532									
			085	0050		2316	365		251		002	702	, ,	140		533									
			ST			2242	367		25		002	5066	. 0	214		531									
			085	0075		2242	367	7.3	25							531									
			ST			2141	367	7.8	25	75	002	289	1 0	275		529									
			085	2100		2141	367	7.8	25	75					1	529	6								
			ST			2066	367		25		002	1239	9 0	330	1	528	0								
			085	0125		2066	367		25							528									
			STI 085			1971	367		26		001	9190	0	381		525									
			ST	0150		1971	367		26							525									
			085	0200		1892 1892	366		26		001	(11)	. 0	4 7 5		524									
			ST			1836	366		264		001	. 276		560		524									
			OBS	0250		1836	366		264		001	501,	, ,	200		5231									
			STI			1836	365		264		001	5541		644		523									
			085	0300		1806	365		264		0.01					523									
			STI			1756	365		265		0016	199	0	607		5230									
			085	0400		1756	365	2	265			-				5236									
			ST	0500		1670	363	7	266	5	001	5599	0	466		5225									
			085	0500		1670	363		266	5					1	5225	5								
			ST			1495	360		268	Ü	0014	+367	1	116	1	5184	4								
			OBS	0600		1495	300		268						1	5184	4								
			STO			1279	357		270		0014	2520	1 -	251		5125									
			085	0700		1279	357		270							5125									
			STI OBS	ეგემ ეგემ		1039	354		272		0010)437	1	365		5054									
			ST			0853	351		272		000	a its a	1.0			5054									
			085	3900		0853	351		273		0008	3702	. 1	•62		5000									
			510			0736	351		274		00n	7773	1.5	46		4971									
			OBS	1000		0736	351		274		0011			- 40		4971									
			STO			0612	351		276		0000	202	1.0	16		4938									
			085	1100		0612	351		276				-			4938									
			5 T C			0538	351		277		0005	273	10	73		4925									
			085	1200		0538	351		277						1	4925	5								
			STE			0489	350		277		0004	860	1	24		4920									
			085	1300		0489	350		277							4922									
			510			0460	350		278		0004	569	13	71		4927									
			085 STE	1400 1500		0460 0436	350 350		278		2001		1 .			4927									
			OBS	1500		0436	350		278		0004	413	1 0	16		4933									
			000	1500		0430	220	1	218	-					1.	4933	,								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

ENCE	SNIP	LATITU	n.	LONGITUDE	£5	MARSO	RE .	STAT	ION T	ME	TEAR		ONGIN				DEPTH	OEPTE		WAVE SERVATIONS	WEATHER	CLOUD			HODE
10. NO.	COOL		1/10	1/10	βğ	10"	[.		DAY	8 ,1/10		CR	UISE 40.	STATE	DN BEB		00TTOM	OF S'MPL		HG [111] 31				_ 1	TATION
1139	1 A	2837	N	075285w	П	380	85	12	10 1	100	969	A	74 00	16		[.	4938		14	2 3	×1	0 3			0006
•						Ĺ	WAT	10	T v	VIND	BAR	٥.	AIR TE			VIE	NO.	50	ECIAL						
						9	010#	TRANS	OR.	SPEED OB FORCE	MET	ER al	OBY	W I	i;		OBS. DEPTHS	OBSER	VATIONS						
							DΤ	50	14	525	13	. 2	230	20	70	7	27								
ſ								Ť		1363	1.7	т		'	_	_	Ч	_					Γ.		T
	MESSENGE TIME	CAST NO.	CAB	O DEPTH	im i	1	t	- 5	٠/٠.	SIGN	1-A	SPE	CIFIC VOLU	187	OYN	. M.	VELO		O2 ml/l	PO4-P	10TAL P	NO2-N	NO 3-N	\$1 O4~\$	
- 1	H# 1/10				_			-		+		+-		-	-	10"	+-	-	-	+		-		-	-
		1	! S1	D 000	0	2.2	25	! 36!		250	14	1	02907	, ,	00	nn	153	324				1	j	1	
	100		089				25	36		250		•	02,0,	-	• •	•	15								
			51				25	36		250		٥	02911	2	00	29	153	325							
			OBS				25	36	56	250)6						153	325							
			51				25	36	56	250)6	0	02915	2	00	58	153	327							
	003		085		0		25	36		250							153								
			51				11	36		25		0	02880	1	ΟŪ	67	153								
			085				11	36		25							15								
			51				04	36		25		0	02869	0	01	44	15								
			089				04	36		25							153								
			089				01	36		25			0 2 0 1 7				153								
			51				00	366		25		Ų	02817	2	02	15	153 153								
			089				80	36		25							153								
			089				29	36		25		0	02293	. 5	0 4	79	152								
			089				29	36		25		_	022,3	, ,	0 -	' '	152								
			51				39	36		25		0	02076	. 4	0.3	34	152								
			069				39	36		25							152								
			51				56	366	59	26	. 8	0	01896	1	0.3	83	152	254							
			089	015	J	19	56	366	59	26	8						152	254							
			S1	050 G	G	18	7.7	366	5.5	26	3 7	0	01736	0	04	74	152	238							
			069	020	0	18	72	366	5.5	26	3.7						152	238							
			51				3.1	366		264		0	01675	6	05	60	152								
			089				31	366		264							152								
			51			18		366		269		0	01035	10	06	42	152								
			085			18		366		269			0.15.05		0	٥.	152								
			51				52	36		265		0	01595	- 44	00	04	152								
			0.63				52	36		26		_	01670		0.11	, ,	152								
			ST				91	364		266		J	01579	' >	04	03	152								
			065				04	36									152								
			069 51				87	36		266 26		0	01517	2	11	17	152								
			089				87	30.		20			-1-11	-			152								
			51				47	358		26		0	01317	5	14	59	151								
			089				4.7	358		260		-					151								
			51				2.7	35		27		0	01126	6	13.	81	150								
			089				27	355	51	27							150	187							
			51		U	Ū9	17	35		27		0	00459	5	1 ↔	86	150								
			085				17	35		27							150								
			5.1				40	35		274		0	00742	8	1>	7.3	149								
			085				46	35		27				,			149								
			51				24	350		276		0	00645	3	16	45	149								
			089			06		35.		276		^	00563		1.7	. 1 6	149								
			51				51	351		27		U	00552		17	UP	149								
			089			95	95	350		27		0	00494		17	c, -r	149								
			385				95	351		27		U	00444		+ 1	,	149								
			51				63	351		278		0	00461	4	15	i h	140								
			085				63	350		276		0	004.11	•	1.0	ر ر	149								
			51				38	351		278		0	00444	7	16	51	141								
			084				3.8	35		279		-	55-14				149								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE			Т		_	. #1	MARSDEN	*******	*****		_	ONG	A TOR'S			. MAX					-	-			
CTEY ID.	CODE	LATITU		LONGIT	UDE	100	SQUARE	STATION	IME	YEAR	Ċ	UISE	STATION		DEPTH	DEPT	H o	WAV BSERVA	TIONS	WEA	CLOU			51	ATION
CODE NO.			1/10		1/10	-	10. 1.	MO DAY	HR.1/10		-	NO.	NUMBE	1	80110	M S'MPL	'S DIR	HGT	11 314	CODE	TH A	µ1		N	LIMBER
318139	A1	2636	N	0760	5 W I				160	1969	A	74 00			4846	5	14	3 2	3	X 2	013	.			0007
							WA	-	WIND	- IA		A IR TE		VIE	NO.	SPI	ECIAL								
							CODE	TRANS DIR	1010	7.00		DRY	WET	COD	DEPTH		VATION:	S							
							2.1	50 15	522	12	2	239	213	7	23			1							
	MISSENGE	CAST	CAR						T		T		-	_	1	1		' -	-				_		
	HR 1/10	NO.	TYP	٠ °	EPTH 0	m I	1 6	5 %.	\$1G	MA-T	NA A	HOMALT-E	07	ΕΔ 0 7N. A 2 10 ³	VE	LOCITY	03 41		a=P - 61/1	POTAL-P	HQ2=N µg = at/			04-5: - al/l	рН
	774 1710	1	_		-			1	+-		+		-	X 10	-	-		-	-+		7	P	-		
	1	1	ST	D 1	0000		2420	3650	24	74	10	03217	7 0	u o o	, 1	346		- 1	-				-	-	
	160		085		0000		2420	3650		74				- 0 0		346									
			5.1		0010		2420	3650	24	74	Ô	03221	8 0	032	15	348									
			085		0010		2420	3650	24	74					15	348									
			ST		0020		2418	3650		74	0	03220	4 0	064	15	349									
	004		085		0020		2418	3650		74						349									
			5.1		0030		2418	3650	24		0	03224	4 0	096		351									
			085		3030		2418	3650		74		0.22				351									
			5.T 085		3050 3050		2418 2418	3650 3650	24	74	0	03232	o 0	161		354									
			ST		0075		2367	3654	24		0	03069	0 0	240		346									
			285		00.75		2367	3654	24		0	0 300 9	0 0	- 40		346									
			5.T	0 0	0100		2316	3654		0.7	0	02937	0 0	315		338									
			085		0100		2316	3654	2.5							338									
			ST	0 0	125		2164	3674	25	66	0	02388	7 0	381		306									
			085		125		2164	3674	25	66					15	306									
			ST		150		2058	3678	25		0	02090	5 0	437	1.5	282									
			085		0150		2058	3678	25							282									
			ST		200		1922	3670	26		0	01822	5 0	535		253									
			085 51)200)250		1922 1867	3670 3665	26			0.7.0				253									
			5.T		300		1823	3661	26 26			01740 01681		624 710		245									
			065		300		1823	3661	26		0	01001		. 10		240									
			ST		1400		1771	3656	26		0	01626	2 0	675		241									
			085		0400		1771	3656	26			01020		- 1)		241									
			ST		0500		1726	3646	26		0	01625	2 1	037		243									
			085	0	500		1726	3646	26	59						243									
			5 T	0 0	0000		1637	3631	26	69	0	01558	5 1	197	15	231									
			085		0600		1637	3631	26						15	231									
			ST		1700		1416	3591	26		0	01390) 1	344		173									
			OBS		700		1416	3591	26							173									
			085)800)800		1181	3558	2.7		01	01178	3 1	473		107									
			ST		900		1181 0956	3558 3531	27		0	00983		581		107									
			085		0000		0956	3531	27		0	00903	* 1	201		040									
			ST		000		0784	3515	27		0	00831	0 1	671		990									
			OBS		000		0784	3515	27							990									
			5 T	D 1	100		0599	3509	2.7		0	00609	1 1	743		933									
			085	1	100		0599	3509	2.7							933									
			ST		200		0520	3510	27		0	00502	1 1	799	14	918									
			OBS		200		0520	3510	2.7						14	918									
			ST		1300		0475	3510	27		0	00451	9 1	847		916									
			085		1300		0475	3510	27							916									
			ST		400		0450	3508	2.7		0	00443	1 1	891		922									
			OBS		1400 1500		0450	3508 3508	27		0	00433		0.26		922									
			085		500		0427	3508	27		U	00422	* 1	935		930 930									
			303	1	. , , , ,		2451	2200	21	D *4					14	730									

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

C!	SHIP	LATITU	DE	LONGITUDE	SOU SOU	DEH	STATION	TIME	ys	A.		NATOR		7	OEPTH TO	MAX. DEPTH	OR	WAVE SERVATIONS	WI	EA.	CLOUD			NOOC STATIO	:
ID. 10.	COGE		1/10	1/10	100	1 11	MO GAY		1	~	NO.	STATE	E#	- -	MOTTON	OF S'MPL'S		HGT PER SI		DE	ITEL AM	,		NUMBE	ER
30	AI	2835	_	07643 W	080	86	12 10	191	$\overline{}$	69	A74 00	1.8		1	2012		15	4 3		2	0 3	1		000	1.6
391	ALI	2835	IN I	01043 W (1000	WA		WIND	1 -	BARO	1 415 7	MP. T	: 1	-1	NO.		-	1 1 1 1	1 ^	- 1	013	1	1	000	
						COLOR	TRANS DE	L 17	160	METE	Day	we	t c	900		SPEC	TION S								
						COOE	(86)		ec ((mbel		2.1	-	-											
					1	DT	50 1	5 51	4	112	238	21	_	_	25			<u> </u>	,	-,			_	_	_
	MESSENGE TIME	CAST	CARD	DEPTH U	u 1	τ	\$ %.	. ,	IGMA	-1	SPECIFIC VOL	UMI	₹ ∆ DYN.		SOU		02 m1/1	FO4-P	TOTAL		NO2=N va = 01/i	NO3-N	51 O4=5	il g/	н
	HB 1/10						+	+				-	1 1	0,					-	-	pg - 0//	νg - 01/1	pg - 617	-	_
		l			1 3		2453	١		1	003055	١,	000		153	3.6							l		
	191		5TI	0000 0000		370 370	3653 3653		491		00305	, 2	000	,,,	153										
	141		5 11			368	3653		491		00305	9	003	a n	153										
			OBS	0010		368	3653		491		00 30 7	. /	00,	, ,	153										
			ST			367	3654		492		003046	9	006	51	153										
	004		085	0020		367	3654		492						153										
			ST			366	3654	2	493		003048	3 2	009	91	153	38									
			085	0030	2	366	3654	2	493						153	38									
			085	0039	2	364	3654	2	493						153	39									
			ST	0050	2	320	3650	2	503		00295	7 1	015	1	153	30									
			085	0050		320	3650		503						153										
			STI			316	3671		520		00280	• 7	022	23	153										
			OBS	0075		316	3671		520						153										
			510			173 173	3673 3673		563		00240	3 4	078	38	153 153										
			085	0100 0125		044	3675		563		00206	7 /.	034		152										
			085	0125		044	3675		600		00200	-	0.54	• •	152										
			511			958	3008		617		00190	2.8	039	24	152										
			085	0150		958	3668		617		001,00	, ,	0 - ,	, -	152										
			511			872	3666		638		00172	3 7	048	35	152										
			OBS	0200		872	3666		638						152										
			ST			834	3664		646		001668	3.5	057	70	152										
			085	0250	1	834	3664	2	646						152	35									
			5.11	0 0300	1.	808	3662	2	651		00163	7 1	065	52	152										
			OBS	0300	1	808	3662	2	651						152										
			5 T I			765	3656		657		00161	2.3	001	15	152										
			085	0400		765	3656		657						152										
			ST			593	3640		662		00159	1.5	097	15	152										
			085	0500		693	3640		662		00144	. 1	112	2 7	152 151										
			STI	0 0600		504 504	3606 3606		680 680		00144	. 1	112	2 1	151										
			08S			279	3576		704		00121	5.3	126	50	151										
			085	0700		279	3576		704		00121	, ,	1-0	0	151										
			5 T			131	3552		714		00112	5.3	137	77	150										
			OBS			131	3552		714		0024	-			150										
			ST			868	3521		735		00090	70	14	78	150										
			085			868	3521		735						150	006									
			ST			546	3509	2	758	ì	00066	2.8	155	57	149	35									
			085		0	646	3509	2	758	3					149	35									
			ST			545	3508		771		00053	99	16	1 7	149										
			085			545	3508		771						149										
			ST			489	3508		777		00047	49	106	68	149										
			OBS			489	3508		777						149										
			ST			451	3506		780		00044	4 C	17	14	149										
			OBS			451	3506		780		00042		175	5.8	149										
			51			414	3504		782		00042	+ 2	1/:	0	149										
			285 5 T			414 396	3504 3504		782		00040	26	179	9 0	149										

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

ID. NO.	SHIP	LATITU		ONGITUDE	DABFE MOC 10	MARSDEN		STATION	¥1	TEAS	c	#UISE	SEGIN-	TATIO	N	OEPTH TO BOTTOM	MAX. OEPTH OF	1	WAVE ERVATIONS		. 0	0 U O 23 U O		5	NODC TATION
NO.	\rightarrow		1/10	971	0 -	10 1	M	ODAY	HR,1/10		\rightarrow	NO.		UMBI	ER		S'MPL"	Dirk.	HG1 Pt8 5	ta COC	119	441			OWIE
39	AI	2839	N 0	7727 W		080 87	1.	2 10	225	196	9 1	A74	009	9	- 1	1097	1	15	4 3	X 2	0	3		1	000
						W	ATER		WIND	1.	ARO-	^	IN TEA	ap. T		NO.									
						COLO		MAN S 01	R OI	۱۳۱ ۵	ETER nb+1		ULB .	w E1	COO	DEPTHS	OBSERV	A TION S							
_						DT	1	5D 16	527	0	78	24	42	21	9 6	20									
- 1	MESSENGO TIME O HR 1/10	NO.	C 4 RO TYPE	DEPTH	(m)	1 10		s ·4.	. SIC	MA-1	3	MEHE	ALT-11	44 E	₹ △ 0 0 th M 1 10 3	vel	UND DCITY	02 ~1/1	PO4mP #8 = 81/1	101AL-		3-N	NO3-N rg - et 1	21 O = 51	,
			STO	000	.0	2381	Ι,	3651	1 24	86	١,	003,	1006	١,	0000	15	337								
	225		085	000		2381		3651		86	,	000	2000	,	0000		337								
	223		STD	001		2381		3651		86		0031	1046		0031		338								
			085	001		2381		3651		86	,	003.		,	0031		338								
			STD	002		2381		3651		86	-	0031	108	7 (0462		340								
	004		085	002		2381		3651		86	,			,	0-02		340								
	004		510	003		2382		3651		86	-	0031	1154		0093		342								
			085	003		2382		3651		86	,	000.		,	00,5		342								
			STD	005		2380		3651		86		20.3	1171	1 (0155		345								
			085	005		2380		3651		86	,	000.			V -))		345								
			510	007		2347		3658		01		20.25	9845		0431		342								
			085	007		2347		3658		01	,	302	,04,	,	0 - 11		342								
			STD	010		2189		3670		60		10.24	+318		0299		308								
			085	010		2189		3676		60	,	002		,	0 - 1 ,		308								
			510	012		2062		3674		94		2021	1211		0356		279								
			085	012		2062		3674		94	,	3021	1 5 1 1		0000		279								
			STD	015		1977		3673		16		2010	9200		0+06										
			085	315		1977		3673		16		JO 1 1	,,,,,	,	0+00		260								
			STD	020		1869		3664		37		2013	7359	3 .	0 49 8		237								
			085	020		1869		3664		37	,	20 I i	, , , ;	,	J 4 9 D		237								
			STD	025		1838		3663		44	,	2016	846		0583		236								
			OBS	025		1838		3663) O I c	0046	,	0203										
			510	030		1819		3661		44	,	2014	5709		3067		236 239								
			085	030		1819		3661		47	(2010	2103	,	0001										
			SID	030		1819		3655		47 56	,	2014	5247		0832		239 240								
			085	040		1767		3655		56		2016	J C 4 Z		0032		240								
			510	050		1717		3645		60		2014	5110		0994		240								
			085	050		1717		3645				20 To	111	, (0794										
										60		201	. 60 -		11/7		240								
			\$10 085	060 060		1498		36∂3 36⊍3		79 79	-	2014	+504	•	1147		184								
			510	070		1258		3565			,	201	5637		1482		164								
			085	070		1258		3565		00	(J U I 2	2536	,	1 - 85		118								
			510	080		1002		3534		23	,	0010	219	, 1	1 196										
			085	080		1002		3534		23	(0010	J C 1 9	,	1 7 7 6										
			510	0.50		0778		3512		42	,	2000	3261	. ,	1400		040								
			085	040		C778		3512		42	(1000	107		1 4 8 8										
			51D	100		G573		3507		66		2005	736	. 1	1558		970								
			085	100		0573		3507				0000	,,,,	, ,	1 - 20										
										66							906								
			085	105	U	0434	- 3	3503	27	80						146	857								

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

SHIP	LATITU	OE 10	ACITUDE 38	MAR! SOU	ATE	STATI	ON TO	3 M	TEAR	CRUISE	STAT	ON	DEF	2	TH O	WAVE ESERVATIONS	1 5000	COOES		- 5	NOD
. 6001		1/10	1/10	10*	11.	MO C	H YAC	1.1/10		NO.	NUM		1011	IM'S WO	L'S OR	HGF NI S	C001	TTPE & M	1	,	NUMB
9 A1	2835	Ai 0.7	748 W	080	87	12 1	11 0	20 1	1969	A74 0	010		099	51	1	7 5 3	X1	0 3		1	00
91 A1 1	2000	NIO	/40 HI	1000	WA			VIND	BARC	A 10	TEMP.	7	1 20			ר' 'ר	, -			,	
					COLDA	TRANS	OIL	3410	METE	a Day	·	۱۲ co	00,	is.	FECIAL EVATION	5					
					COOE	100)	_	FOICE	(mba	\rightarrow	-	ILO	-			-					
			,		DT	SD	18	522	0.7	8 236	2	17 6	-	0	,		_			,	_
MESSENGE TIME	CAST	CATO	OFFTH (m)	,	τ	١,	٠	SIGN	AA-T	SPECIFIC V	OLUMI	₹Δ OYN.	2	SOUNO	02 m	// PO4-P	101AL-F		NO3-N	5104-5	
HR 1/10	NO.	TYPE								ENUM AL	-1.9	x 10	,	VELOCITY		¥8 - 41/1	yg - e1/1	μg • at/1	νg - σ1/1	¥8 - 01/	1
													- 1		1						1
'		510	0000	ż	365	365	50	249	90	00306	525	000	0	15333							
020		085	0000	Z	365	365		249	90					15333							
0 = 0		STD	0010	2	365	365	50	249	90	00306	665	003	0	15334							
		085	0010	2	365	365	50	249	90					15334							
		STD	0020	2	365	365	50	249	90	0030	705	006		15336							
004		085	0020	2	365	365	50	249	90					15336							
		STD	0030	2	365	365	50	249	90	0030	745	009	2	15338							
		OBS	0030	2	365	365	50	249	90					15338							
		OBS	0040	2	365	365	50	249	90					15339							
		085	0042	2	330	364	+8	249	99					15331							
		STD	0050	2	308	365	50	250	37	0029	234	015		15327							
		085	0050	2	308	365	50	250						15327							
		510	0075		285	366		252		0027	908	022		15327							
		085	0075	2	285	366	51	252						15327							
		5 T D	0100		100	367		256		0021	954	028		15285							
		085	0100		100	367		258						15285							
		STO	0125		016	367		260		0020	100	033		15266							
		085	0125		016	367		260						15266							
		STD	0150		959	366		261		00190	143	038		15255							
		085	0150		959	366		26						15255							
		STD	0200		882	366		263		0017	741	047		15241							
		085	0200		882	366		26:						15241							
		510	0250		849	366		264		00170	142	056		15240							
		OBS	0250		849	366		264		00.7	224	04.5		15240							
		STD	0300		841	366		264		0017	J Z 4	065		15246							
		OBS	0300		841	366		264		0014		083		15246							
		STD	0400		801	365	-	265		0016	551	082		15250 15250							
		085	0400		801	365		265		0011		098									
		STD	0500		730	364		269		0016	488	076		15244							
		085	0500		730	364		26		0016	701	114		15244 15184							
		510	0600		497	360		26		0014	101	114		15184							
		085	0600		497	360		26		0012	7	127		15115							
		STD	0700		251	356		270		0012	•0/	14/		15115							
		085	3700		251	356		270		0009	911	139		15017							
		STD	0800		941			27		0009	110	174		15017							
		065	0800		941 720	352		27		0007	438	147		14948							
		STD	0900							0007	9.00	177									
		085	0900	0	720	35]	11	27	50					14948							

Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9-11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE	SHIP	LATITU	DE	ONGITUDE	8 MA	ESOEN UARE	STATION (GA	TIME	TEAR	CRUISE	GINATO		DEPTH 10	MAX. DEPTH	085	WAVE ERVATION:		WEA-	CLOUB			ATION
ODE NO.	CODE	•	1/10	1/10	10"	1.	MO DAY	_		NO.	NUN	DER	10110M	S'MPL'S	DIL	HGT MT		CODE	TIPE AM	,	N	UMBER
318139	IAI	2835	N 0	7825 W	080	88	12 11	055 WIND	1969	A 79	11 TEMP	€	0860		17	4 4	-	Х1	0 3		(0011
						COLDE		IR. 5912	1 77.0	ER DR	w	ET COD	NO. OBS. DEPTHS	SPEC OBSERVA	IAL NONS							
						DT	50 2	5 520		_	-+-	08 7	20									
	MISSING	CAST NO.	CARD	DEPTH (m	.	1 %	5 %	1.,,	MA-T	SPECIFIC V	DLUMI	₹ A O	101	UND		PO ₄ =P	101	141-1	NO ₂ -N	NO ₃ -N	\$10,4-5	
	HR 1/10	NO.	TYPE	DEFIN ON	<u> </u>		, ,	. 310	- M A - 1	ANDMAL		2 10 ³	VELO	DCII7	02 ml/1	μη = #1/1		+ 61/1	49 - at/1	μg + at/1	NO - 01/1	рН
				0000	1	14.70	3610	1,	2.6	0035	221	0000	1,	25.			i					
	055	5	510 085	0000		470	3618 3618		34	0035	121			354 354								
			STO OBS	0010 0010		470	3619 3619		35	0035	888	0035		356								
			510			470	3619		35	0035	929	0071		356 358								
	00;	2	08S STD	0020 3030		470	3619 3620		35	0035	0.7	0107		358 360								
			065	0030		470	3620		36	0032	341	0107		360								
			08S	0040		470	3621 3635		37					361 363								
			STD	0050		431	3633		58	0033	24	0177		355								
			085 510	0050		431 380	3633 3657		58	00308	34.5	0258	15:	355								
			085	0075		380	3657	24	91	00.50	, - ,			350								
			510 085	0100		205	3675 3675		55	0024	818	0328	15:	312								
			510	0125	2	134	3676	25	76	0022	950	0387	15									
			085 STD	0125 0150		134	3676 3667		76	0021	0.8.2	0442	157	298 275								
			OBS	0150	2	0.34	3667	2.5	96				152	275								
			S10	0200		894 894	3660 3660		28	0018	59	0541		244								
			STO	0250	1	8 4 7	3058	26	38	00174	29	0630	157	238								
			0BS 51D	0250		847 828	3658 3659		38	0017	73	0716	157	238 241								
			085	0300	1	828	3659	26	44				157	241								
			51D 0BS	0400 0400		774	3653 3653		52	0016	551	0884	15	241 241								
			STO	0500	1	712	3640	26	58	0016	35 B	1649	157	238								
			OBS STD	0500 0600		712	3640 3600		58	00146	07	1-04	15	238 182								
			OBS	0600		493	3500		78				15	182								
									0.1			1339	15									
			STD	0700		241	3562 3562		01	0012	• 1 4		15	111								
			STD OBS STO	0700 0800	1 1	241 010	3562 3528	27 27	01	0012		1455	150	042								
			STD OBS	0700	1 1	241	3562	27 27 27	01			-	150									
			STD OBS STO OBS	0700 0800 0800	1 1	241 010 010	3562 3528 3528	27 27 27	01 17 17			-	150	042								
	SHIP	LATITU	STD OBS STO OBS OBS	0700 0800 0800 0850	1 1 2	241 010 010 0860	3562 3528 3528 3517	27 27 27 27	101 117 117 133	0010	793 GINATO	1455	150 150 140	042 994	085	WAVE		WEA-	CLOUD		, N	ODC
10.	SHIP	LATITU	STD OBS STO OBS OBS	0700 0800 0800	1 1 2	241 010 010 010	3562 3528 3528 3517	27 27 27 27	01 17 17	0010	793	1455	150 150 140	042 994		WAVE ERVATIONS		WEA- THER CODE	CLOUD CODES	1	N ST N1	IODC ATION UMBEP
10. 00 NO.	CODE	LATITU 2835	STD OBS STO OBS OBS	0700 0800 0800 0850	1 1 1 0	241 010 010 010 0860	3562 3528 3528 3517 STATION IGM	27 27 27 27 27 11ME	17 17 17 33	ORUISE NO A 74 (GINATO STATI	1455	150 150 140 140 100 100 100 100 100 100 100 10	042 994 MAX. DEPTH		ERVA TIONS		THER	CODES	1	, NI	JMBEP
10. 06 NO.	CODE	•	STD OBS STO OBS OBS	0700 0800 0800 0850	1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	241 010 010 010 0860	3562 3528 3528 3517 STATION IGM MO DAY 12 11	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	17 17 17 33 TEAR	ONIO CRUISE NO A 7 4 (GINATO STATI	1455	150 150 140 DEPTH TO #OITOM 0828 NO. 085	042 994 MAX. DEPTH	27 IAL	HGT HE S		CODE	CODES TEN AM	1	, NI	JMBEP
10. 06 NO.	CODE	•	STD OBS STO OBS OBS	0700 0800 0800 0850	1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	241 010 010 1860	3562 3528 3528 3517 STATION IGM MO DAY 12 11 TER	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	17 17 17 33 YEAR 1969	OPIO CRUISE NO A 7 4 (O- Aix Ex ORI	GINATO STATI NUM 012 TEMP	1 4 5 5	DEPTH TO SOUTOM OB 2 B NO. OBS DEPTHS	MAX. DEPTH OF S'MPL'S	27 IAL	HGT HE S		CODE	CODES TEN AM	1	, NI	IODC ATION UMBEP
10. 06 NO.	A	2835	STD OBS STO OBS OBS	0700 0800 0800 0850 0850	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	241 010 010 860 888 WA COLOR CODE	3562 3528 3528 3517 STATION MO DAY 12 11 TER TEANS DE	27 27 27 27 27 27 27 27 27 27 27 27 27 2	17 17 17 133 YEAR 1969 BARII (mbi	ORIO CRUISE NO A74 (O- Air PUL 5 233	GINATO STATI NUM)12 TEMP W BU L 2	1455 R'S ON BER C	150 150 140 0 80 110 M 0 8 2 8 NO. OB 2 R NO. OB 2 R NO.	MAX. DEPTH OF SMPL'S	27	HGT HE S	(A	X 1	CODES TEN AM	1	, NI	0012
10. 06 NO.	CODE	2835	STD OBS STO OBS OBS	0700 0800 0800 0850	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	241 010 010 1860	3562 3528 3528 3517 STATION IGM MO DAY 12 11 TER	27 27 27 27 27 27 27 27 27 27 27 27 27 2	17 17 17 33 YEAR 1969	ORUSE NO Art Or Orto Art Orto Orto Orto Orto Orto Orto Orto Or	GINATO STATI NUM)12 TEMP W BU L 2	1 4 5 5	DEFTH TO SOUTOM OB 2 B NO. OBS DEFTHS	MAX. DEPTH OF SMPL'S	27 IAL	ERVATIONS	101	X 1	0 3	7	, NI	JMBEP
10. 06 NO.	A	2835	STD OBS STO OBS OBS	0700 0800 0800 0850	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	241 010 010 1860 ISDEN JARE 17 88 WA COLOR CODE DT	3562 3528 3528 3517 STATION MO DAY 12 11 TER TEANS DE	2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7 2.7	17 17 17 133 TEAR 1969 METI (mbi	ONIO CRUISE NO A 7 4 EE ORI EI BUU 5 23	GINATO STATI NUM)12 TEMP W I B OLUME	1455	DEFTH TO #0110# 00 8 2 8 NO. OB 2 R DEFTHS DEFTHS 19 SOLUTION	MAX. DEPTH OF STMPL'S SPEC OBSERVA	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001
10. 06 NO.	A	Z 8 3 5	STD OBS STO OBS OBS	0700 0800 0800 0850 0850 0850	2 2 2 2	241 010 010 1860 SDEN 17 88 WA COLOR CODE DT	3562 3528 3517 STATION MO DAY 12 11 FER TANKS DI SD 2: 3637 3637	27 27 27 27 27 27 27 27 27 27 27 27 27 31 31 31 42 42 42 42	73 73	OO10 CRUISE NO A74 (O- AIR BULL 5 23: IPICIFIC V ANOMAL	GINATO STATI NUM 1 8 80 L 20 OLUME	1455	DEFTH 150 801TO M 08 2 8 NO. 085 DEFTHS 19 SOL VELO	MAE. DEPTH OF SMPL'S SPEC OBSERVA JINO DCITY 3 3 7 3 3 7	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001.
10. 06 NO.	A MESSENGE TIME HR 1/10	Z 8 3 5	STD OBS STD OBS OBS OBS	0700 0800 0850 0850 00600 0060 0000 0000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	241 010 010 860 SDEN JARE BB WA COLOR CODE TC	3562 3528 3528 3517 STATION IGM MO DAY 12 11 1EER SO 2: 5 %.	27 27 27 27 27 27 27 27 27 27 27 27 27 2	75 MA-T	ONIO CRUISE NO A 7 4 EE ORI EI BUU 5 23	GINATO STATI NUM 1 8 80 L 20 OLUME	1455	DEFTH 150 144 0 0 8 2 8 NO. O85 DEFTHS 19 SOL VELO	MAX. DEPTH OF SMPL'S SPEC OBSERVA JND JND JND JND JND JND JND JND JND JN	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001
10. 06 NO.	MISSENGI HR 1/10	Z 835	STD OBS STO OBS STO OBS STO OBS	0700 0800 0850 0850 00670bt 17/16 7859 W	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	241 010 010 010 0860 ESDEN BARE 88 88 388 388 388 388 388	3562 3528 3528 3517 STATION IGM MO DAY 12 11 TER TRANS DS TANS DS 3637 3637 3637 3637 3637	27 27 27 27 27 27 27 27 27 27 27 27 310 40 40 40 40 40 40 40 40 40 40 40 40 40	75 PAR 1969 PARITY (MIN)	OO10 CRUISE NO A74 (O- AIR BULL 5 23: IPICIFIC V ANOMAL	793 STATINGM DILZ TEMP BU BU Column	1455	DEFTH TO BOTTOM OB Z B NO. OBS DEFTHS 19 SOL VELO 15:15:15:15:15:15:15:15:15:15:15:15:15:1	MAE. DEFIN OF STAPLIS SPEC OBSERVA JND DCITY 33 7 33 7 33 7 33 7 33 39 33 39	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001
10. 06 NO.	A MESSENGE TIME HR 1/10	Z 835	STD OBS STD OBS STD OBS STD OBS	0700 0800 0800 0850 0850 7859 W	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	241 010 010 010 0860 8860 DT 388 388 388 388 388 388	3562 3528 3528 3517 STATION IGM MO DAY 12 11 1EER SD 2' 3637 3637 3637 3637 3637	7 TIME TIME PRI/10 O90 WIND O90 O90 C90	177 177 133 TEAR 1969 P MATT 73 73 73 73 73	ONIO CRUISE NO A 74 EV EV EV EV EV EV EV EV EV EV EV EV EV	793 STATINUM STATINUM DI 2 TEMP SUL 20 SUME SUCCESS SU	1455	DEFTH TO BOTTOM OB Z B NO. OBS DEFTHS 19 SOL VELO 15:15:15:15:15:15:15:15:15:15:15:15:15:1	MAX. DEFIN OF S'MPL'S OBSERVA	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001
10. 06 NO.	MISSENGI HR 1/10	Z 835	STD OBS STO OBS OBS OBS CANDO ITINE STD OBS STO OBS STO OBS OBS OBS OBS	0700 0800 0850 0850 0850 0850 0000 0000	1 1 1 0 0 8 0 0 0 8 0 0 0 8 0 0 0 8 0 0 0 8 0 0 0 8 0 0 0 8 0 0 0 0 8 0 0 0 8 0	241 010 010 0860 010 860 010 8860 010 010 010 010 010 010 010 010 010 0	3502 3528 3528 3517 3528 3517 352 12 11 168 168 168 168 168 168 168 168 168 1	27 27 27 27 27 27 27 27 27 27 27 27 27 2	73 73 73 73 73 73 73 73 73 73 73 73 73 7	0010 CRUISE NO A74 (00-Ait BULL 5 233 INCINC V ANOMAL 00324 00324 00324	GGINATO STATIN DOLUME 10 10 205 205 245	1455 RYS ON BER TO VILLE COOPIN BER FT OOO OO OO OO OO OO OO OO O	DEFIN TO OB 2 B NO. OSS VECTOR	042 042 994 MAEL DEFTH OBJETH OBSERVA 3337 3337 3337 3339 340 340 342	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001
10. 06 NO.	MISSENGI HR 1/10	Z 835	STD OBS CARD TIPE CARD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS	0700 0800 0850 0850 0850 0060 0000 0000 00	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	241 010 010 0860 860 8860 DT 7 2388 388 388 388 388 388 388 388 388 38	3562 3528 3528 3517 STATION MO DAY 12 11 FER FAMIL DI 3637 3637 3637 3637 3637 3637 3637	27 27 27 27 27 27 27 27 27 27 27 27 27 2	73 73 73 73 73 73 73 73 73 73 73 73 73 7	0010 CRUSE NO A74 (00-Air ON EN 5 23 SPICIFIC V ANOMAL 00324 00324	GGINATO STATIN DOLUME 10 10 205 205 245	1455	DEFIN TO OB 2 B NO. OSS 15: 15: 15: 15: 15: 15: 15: 15: 15: 15:	042 042 994 042 0581H 051H 051H 051H 051H 051H 051H 051H 05	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001
10. 06 NO.	MISSENGI HR 1/10	Z 835	STD OBS CAND TYPE STD OBS CAND TYPE STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS	0000 0000 0010 0010 0010 0010 0010 001	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	241 010 010 8860 SSDEN HARE S88 388 388 388 388 388 388 388 388 388	3528 3528 3517 3517 3517 3517 3517 3517 3517 3517	27 27 27 27 27 27 27 27 27 27 27 27 27 2	71 1969 FARE 1969 O O O O O O O O O O O O O O O O O O	0010 CRUISE NO A74 (00-Ait BULL 5 233 INCINC V ANOMAL 00324 00324 00324	793 GINATO STATIL NUM D12 TEMP WILL 205 205 205 205 205	1455 RYS ON BER TO VILLE COOPIN BER FT OOO OO OO OO OO OO OO OO O	155 151 151 155 155 155 155 155 155 155	MAL DEFIN OF STATE OF	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001.
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10. 06 NO.	MISSENGI HR 1/10	Z 835	STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS OBS STD OBS OBS STD OBS STD OBS STD OBS OBS STD OBS OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS OBS STD OBS OBS STD OB	0700 0800 0850 0850 0850 0060 0000 0010 0010 0010 0010 0010 00	## AMA 10 080 080 080 080 080 080 080 080 080	241 010 010 860 860 8860 888 388 388 388 388 388 388 388 388 38	3502 3526 35517 3526 35517 3526 35517 3526 35517 3526 3526 35517 3526 3526 3526 3526 3526 3526 3526 3526	27 27 27 27 27 27 27 27 27 27 27 27 27 2	01 17 17 33 3 1969 5ARR 1969 1 09 40 73 73 73 73 73 73 73 73 73 73 73 74 74 74 74	OO10 CRUSSI NO A74 (FIRST OR A74 (OO32 (ODLUME BULL CONTROL OF	1455 1455 1455 1455 1455 151 151	155 151 151 155 155 155 155 155 155 155	MAL DIPPLY NO STREET OF STREET	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001
10. 06 NO.	MISSENGI HR 1/10	Z 835	STD OBS CABO TYPE CABO TYPE STD OBS STD OBS STD OBS STD OBS STD OBS	0000 0000 0000 0000 0000 0000 0000 0000 0000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	241 010 010 1860 SSEN WANTE WA	35-26 35-26 35-26 35-27 35-27 35-27 35-27 35-37 36-37	27 27 27 27 27 27 27 27 27 27 27 27 27 2	01 17 17 33 1969 1969 1000 1000 173 73 73 73 73 73 73 73 73 73 77 74 74 74	0010 CRUISE NO A74 (0 A74 (0 A74 (0 A74 (0 A74	ODLUME BULL CONTROL OF	1455 1455	156 151 141 151 161 161 161 161 161 161 161 161 16	MAL DEFIN OF COSSERVA	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001
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10. 06 NO.	MISSENGI HR 1/10	Z 835	STD OBS STD OBS OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS STD OBS OBS STD OBS OBS STD OBS OBS STD OBS OBS STD OBS OBS STD OBS OBS STD OBS STD OBS OBS STD OBS OBS STD OBS OBS STD OB	0000 0000 0000 0000 0000 0000 0000 0000 0000	1 1 1 1 1 1 1 1 1 1	241 010 010 860 860 850 850 850 850 850 850 850 850 850 85	35026 3528 3517 3518 3517 3518 3518 3518 3518 3637 3637 3637 3637 3637 3637 3637 363	27 27 27 27 27 27 27 27 27 27 27 27 27 2	7117 117 117 117 117 117 117 117 117 11	0010 ONIT 10010 1	793 GGINATO STATING NUM 1 BU BU 120 120 120 120 120 120 120 120 120 120	1455 1455 1455 1455 1455 1455 1455 1455 1455 1456 1457	156 151 141 DEFINITION 100 101 100 101 100 101 100 101 101 10	042 0994 MAE. DEFIN (97, 97, 97, 97, 97, 97, 97, 97, 97, 97,	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001.
10. 06 NO.	MISSENGI HR 1/10	Z 835	CANDO BS STO O	0000 0000 0000 0000 0000 0000 0000 0000 0000	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	241 010 010 860 88 88 88 388 388 388 388 388 388 388 3	35-28 35-28 35-28 35-17 31-10-10-10-10-10-10-10-10-10-10-10-10-10	27 27 27 27 27 27 27 27 27 27 27 27 27 2	117 117 133 1969 1 MATH 1099 1 MATH 1099 173 173 173 173 173 173 173 173 173 173	0010 CRUISE NO NO NO NO NO NO NO N	GGINATO STATILITY NUMBER OF STATILITY NUMBER O	1455 1455	150 151 151 151 151 151 151 151 151 151	044. 042. 994. MAL. DETIM. 9WILS. 337. 337. 337. 337. 337. 337. 339. 340. 340. 340. 340. 340. 350. 350. 360. 37	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001.
10. 06 NO.	MISSENGI HR 1/10	Z 835	STID OBS CAND TYPE CAND TYPE STORES	0700 0800 0850 0850 0850 0060 0000 0000 00	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	241 010 010 860 381 88 388 388 388 388 388 388 388 388	3508 3517 3528 3517 3528 3517 3528 3528 3528 3528 3528 3528 3528 3528	27 27 27 27 27 27 27 27 27 27 27 27 27 2	01 117 133 1969 2 MATH 1 09 MA-I 1 00 MA-I 1 MA-I 0 MA	0010 DN N CRUISE N C	GGINATO STATILITY NUMBER OF STATILITY NUMBER O	1455 1455 1455 1455 1455 1455 1455 1455 1457	156 153 153 153 153 153 153 153 153 153 153	042 042 0994 MARH SPECOSSERVA 337 337 337 337 337 337 340 042 346 0342 346 035 350 350 350 350 377 377 377 377 377 377 377 377 377 37	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001.
10. 06 NO.	MISSENGI HR 1/10	Z 835	CAADO OBS CAADO TIPE STO OBS	0000 0000 0000 0000 0000 0000 0000 0000 0000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	241 010 010 860 SSOEN AARE WAA COLOR COLOR COLOR 388 388 388 388 388 388 388 388 388 38	35028 3528 3528 3517 3517 3517 3517 3517 3517 3517 3517	27 27 27 27 27 27 27 27 27 27 27 27 27 2	01 17 17 17 33 1969 2 BANKEN 1969 1969 17 73 73 73 73 73 73 73 73 73 73 73 73 73	0010 CRUISE NO NO NO NO NO NO NO N	GGINATO STATIL TEMP 1	1455 1455	156114 OBETH TO OBETH	0.44 0.042 0	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001.
10. 06 NO.	MISSENGI HR 1/10	Z 835	STD OBS CAND IN IN OBS STO OBS OBS STO OBS	0000 0850 0850 0850 0850 00650 0060 0000 0010 0010 0010 0050 005	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	241 010 010 860 SSEEN SAME DT 388 388 388 388 388 388 388 388 388 38	35028 3528 3528 3517 114100M MO [DATA 112] 1 1 12 1 1 12 1 1 12 1 1 14 14 150 2 1 14 150 2 1 15	27 27 27 27 27 27 27 27 27 27 27 27 27 2	01 117 133 1969 1 SARK METHOD OP 73 73 73 73 73 73 73 73 73 73 73 77 74 77 77 77 77 77 77 77 77 77 77 77	0010 Online Onli	793 GINATO 112 1 STATINGM 1 SUBJECT 205 205 245 286 325 327 327 327 327 327 327 327	1455 1455 1455 1455 1455 100 100	DEFIN TO OB 2 B NO. OS DEFINS TO OS DEFINS T	MAE MAE	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001.
10. 06 NO.	MISSENGI HR 1/10	Z 835	STD OBS STO OB	0000 0000 0000 0000 0000 0000 0000 0000 0000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	241 0010 860 501N 14N 17 18 18 18 18 18 18 18 18 18 18 18 18 18	3508 3517 3518 3518 3518 3518 3518 3518 3518 3518	27 27 27 27 27 27 27 27 27 27 27 27 27 2	117 117 133 1969 1 1969	0010 DN CRUISE NO CRU	793 STATI NUM STATI	1455 1455 1455 1455 1455 175 175	15 15 15 15 15 15 15 15 15 15 15 15 15 1	042 0994 MARE 0994 SIPPE 00515W OSESW MARE 00515W MARE	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001.
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10. 00 NO.	MISSENGI HR 1/10	Z 835	STO OBS CANO OBS CANO OBS CANO OBS CANO OBS CANO OBS STO OBS	0000 0800 0800 0800 0800 0800 0800 0000 0000 0000 0000 0000 0000 0000 0000	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	241 010 010 010 010 860 010 888 888 3888 3888 3888 3888 3888 3	35-28 35-28 35-28 35-28 35-17 31-10 10-10	27 27 27 27 27 27 27 27 27 27 27 27 27 2	01 117 133 1969 109 109 109 109 109 109 109 109 109 10	0010 DN CRUISE NO CRU	793 STATINUM STATINU	1455 1455 1455 1455 1455 175 175	DEFINATION OF THE PROPERTY OF	042 042 0994 SPEC OSEEVA 3337 3337 3337 3337 3340 340 3442 3446 350 3552 3740 37	27	ERVATIONS RGT PER S Z 3	101	X 1	0 3	NO3-N	\$104-51	001.
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Table XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

REFERENCE SHIP	LATTIUOI	LONGITUDE	MASSOEN SQUARE	STATION THE	PASY		TION	DEPTH TD SOTTOM	MAIL DEPTH DF		WAVE ERVATIONS	WEATHER	CLOUD		, N 57.	OOC ATION	
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	08	5 0010 TD 0020	2473 2472	3616 3617	2432 2433	0036129	0072	153									
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	5 08.	FD 0030 5 0030	2465 2465	3617 3617	2435 2435	0035969	0108	153 153									
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	OB:	5 0075 TD 0100	2364 2324	3647 3659	2488 2509	0029226	0333	153 153									
	08	0100	2324	3659	2509	0027220	0233	153									
	5° 0B:		2182 2182	3664 3664	2553 2553	0025084	0401	153 153									
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	0B:	5 0150 FO 0200	2074 1922	3670 3661	2588 2621	0018872	0562	152									
	08		1922	3661	2621			152	52								
	08:		1865 1865	3661 3661	2636 2636	0017652	0653	152									
	08:	r0 0300 5 0300	1812 1812	3653 3653	2643 2643	0017120	0740	152 152									
	5	TD 0400	1759	3648	2652	0016560	0909	152									
	OB:	5 0400 TD 0500	1759 1653	3648 3629	2652 2663	0015784	1070	152 152									
	0.8	5 0500	1653	3629	2663			152	19								
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THE TOP COOL COOL COOL COOL COOL COOL COOL CO	2835 N 2835 N 5 N 2835	07935 W	2583 2583 2583 2583 2583 2583	CoMt	1710 1710 1710 1710 1710 1710 1710 1710	CRUTE STAIN NO. 10 A 74 014 014 19 19 19 19 19 19 19 19 19 19 19 19 19	TION ASSES T VIS. VIS. VIS. VIS. VIS. VIS. VIS. VIS.	70 NO. DES DEFTHS 21 SDU. VELO 153 153 153 153 153 153	DEFIN DF S'MPL'S SPEC DESERVA ND CITY 79 79 80 82 84 84	DBSE DBL 2.7	PO4-P	THE	CODIS		0	0014	300
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TABLE XIX. Observed and interpolated oceanographic data taken by USCGC ANDROSCOGGIN, 9–11 December 1969, on North Atlantic Standard Monitoring Section A7. Prepared from NODC listing number 31-8139.—Continued

	SHIP	LATITU	101	LONGITUDE	SQ SQ	HEDEN	STATION	TIME	YEAI			GINAT	OA'S		DEPTH	MAX. DEPTH		WAVE		WEA-	CLDUD			NODC
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